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67TH CONGRESS
4th Session

SENATE

DOCUMENT
No. 286

RURAL POST ROADS

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LETTER

FROM

THE SECRETARY OF AGRICULTURE

TRANSMITTING,

PURSUANT TO LAW, A REPORT FOR THE FISCAL YEAR, 1922, ON THE CONSTRUCTION OF RURAL POST ROADS IN COOPERATION WITH THE STATES AND THE FEDERAL ADMINISTRATION OF THIS WORK



JANUARY 3 (calendar day, JANUARY 4), 1923.—Referred to the Committee on Post Offices and Post Roads

WASHINGTON
GOVERNMENT PRINTING OFFICE
1923

SUBMITTED BY MR. TOWNSEND.

IN THE SENATE OF THE UNITED STATES,

January 6, 1923.

Ordered, That the communication from the Secretary of Agriculture, relative to the construction of rural post roads in cooperation with the States, transmitted to the Senate on the calendar day of January 4, 1923, pursuant to law, be printed, together with the accompanying papers, as a Senate document.

Attest:

GEORGE A. SANDERSON, *Secretary.*

A 281.9
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LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
Washington, December 26, 1922.

SIR: In compliance with section 8 of the act of Congress approved July 11, 1916 (39 Stat. p. 358), known as the Federal aid road act, section 8 of the Post Office appropriation act for the fiscal year 1920, approved February 28, 1919 (40 Stat. pp. 1201–1202) and section 19 of the act of Congress approved November 9, 1921 (42 Stat. p. 216), known as the Federal highway act, I have the honor to transmit herewith a report for the fiscal year ended June 30, 1922, concerning the appropriations for the construction of rural post roads in cooperation with the States, the Federal administration of this work, and the survey, construction, and maintenance of roads and trails within or only partly within the national forests.

A copy of this report has also been transmitted to the Speaker of the House of Representatives.

Respectfully,

HENRY C. WALLACE,
Secretary.

The PRESIDENT OF THE SENATE.

[PUBLIC—No. 87—67TH CONGRESS.]

[S. 1072.]

AN ACT TO AMEND THE ACT ENTITLED "AN ACT TO PROVIDE THAT THE UNITED STATES SHALL AID THE STATES IN THE CONSTRUCTION OF RURAL POST ROADS, AND FOR OTHER PURPOSES," APPROVED JULY 11, 1916, AS AMENDED AND SUPPLEMENTED, AND FOR OTHER PURPOSES.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That this Act may be cited as the Federal Highway Act.

SEC. 2. That, when used in this Act, unless the context indicates otherwise—

The term "Federal Aid Act" means the Act entitled "An Act to provide that the United States shall aid the States in the construction of rural post roads, and for other purposes," approved July 11, 1916, as amended by sections 5 and 6 of an Act entitled "An Act making appropriations for the service of the Post Office Department for the fiscal year ending June 30, 1920, and for other purposes," approved February 28, 1919, and all other Acts amendatory thereof or supplementary thereto.

The term "highway" includes rights of way, bridges, drainage structures, signs, guard rails, and protective structures in connection with highways, but shall not include any highway or street in a municipality having a population of two thousand five hundred or more as shown by the last available census, except that portion of any such highway or street along which within a distance of one mile the houses average more than two hundred feet apart.

The term "State highway department" includes any State department, commission, board, or official having adequate powers and suitably equipped and organized to discharge to the satisfaction of the Secretary of Agriculture the duties herein required.

The term "maintenance" means the constant making of needed repairs to preserve a smooth surfaced highway.

The term "construction" means the supervising, inspecting, actual building, and all expenses incidental to the construction of a highway, except locating, surveying, mapping, and costs of rights of way.

The term "reconstruction" means a widening or a rebuilding of the highway or any portion thereof to make it a continuous road, and of sufficient width and strength to care adequately for traffic needs.

The term "forest roads" means roads wholly or partly within or adjacent to and serving the national forests.

The term "State funds" includes for the purposes of this Act funds raised under the authority of the State, or any political or other subdivision thereof, and made available for expenditure under the direct control of the State highway department.

SEC. 3. All powers and duties of the Council of National Defense under the Act entitled "An Act making appropriations for the support of the Army for the fiscal year ending June 30, 1917, and for other purposes," approved August 29, 1916, in relation to highway or highway transport, are hereby transferred to the Secretary of Agriculture, and the Council of National Defense is directed to turn over to the Secretary of Agriculture the equipment, material, supplies, papers, maps, and documents utilized in the exercise of such powers. The powers and duties of agencies dealing with highways in the national parks or in military or naval reservations under the control of the United States Army or Navy, or with highways used principally for military or naval purposes, shall not be taken over by the Secretary of Agriculture, but such highways shall remain under the control and jurisdiction of such agencies.

The Secretary of Agriculture is authorized to cooperate with the State highway departments, and with the Department of the Interior in the construction of public highways within Indian reservations, and to pay the amount assumed therefor from the funds allotted or apportioned under this Act to the State wherein the reservation is located.

SEC. 4. That the Secretary of Agriculture shall establish an accounting division which shall devise and install a proper method of keeping the accounts.

SEC. 5. That the Secretary of War be, and he is hereby, authorized and directed to transfer to the Secretary of Agriculture, upon his request, all war material, equipment, and supplies now or hereafter declared surplus from stock now on hand and not needed for the purposes of the War Department but suitable for use in the improvement of highways, and that the same shall be distributed among the highway departments of the several States to be used in the construction, reconstruction, and maintenance of highways, such distribution to be upon the same basis as that hereinafter provided for in this Act in the distribution of Federal-aid fund: *Provided*, That the Secretary of Agriculture, in his discretion, may reserve from such distribution not to exceed 10 per centum of such material, equipment, and supplies for use in the construction, reconstruction, and maintenance of national forest roads or other roads constructed, reconstructed, or maintained under his direct supervision.

SEC. 6. That in approving projects to receive Federal aid under the provisions of this Act the Secretary of Agriculture shall give preference to such projects as will expedite the completion of an adequate and connected system of highways, interstate in character.

Before any projects are approved in any State, such State, through its State highway department, shall select or designate a system of highways not to exceed 7 per centum of the total highway mileage of such State as shown by the records of the State highway department at the time of the passage of this Act.

Upon this system all Federal-aid apportionments shall be expended.

Highways which may receive Federal aid shall be divided into two classes, one of which shall be known as primary or interstate highways, and shall not exceed three-sevenths of the total mileage which may receive Federal aid, and the other which shall connect or correlate therewith and be known as secondary or intercounty highways, and shall consist of the remainder of the mileage which may receive Federal aid.

The Secretary of Agriculture shall have authority to approve in whole or in part the systems as designated or to require modifications or revisions thereof: *Provided*, That the States shall submit to the Secretary of Agriculture for his approval any proposed revisions of the designated systems of highways above provided for.

Not more than 60 per centum of all Federal aid allotted to any State shall be expended upon the primary or interstate highways until provision has been made for the improvement of the entire system of such highways: *Provided*, That with the approval of any State highway department the Secretary of Agriculture may approve the expenditure of more than 60 per centum of the Federal aid apportioned to such State upon the primary or interstate highways in such State.

The Secretary of Agriculture may approve projects submitted by the State highway departments prior to the selection, designation, and approval of the system of Federal-aid highways herein provided for if he may reasonably anticipate that such projects will become a part of such system.

Whenever provision has been made by any State for the completion and maintenance of a system of primary or interstate and secondary or intercounty highways equal to 7 per centum of the total mileage of such State, as required by this Act, said State, through its State highway department, by and with the approval of the Secretary of Agriculture, is hereby authorized to add to the mileage of primary or interstate and secondary or intercounty systems as funds become available for the construction and maintenance of such additional mileage.

SEC. 7. That before any project shall be approved by the Secretary of Agriculture for any State such State shall make provisions for State funds required each year of such States by this Act for construction, reconstruction, and maintenance of all Federal-aid highways within the State, which funds shall be under the direct control of the State highway department.

SEC. 8. That only such durable types of surface and kinds of materials shall be adopted for the construction and reconstruction of any highway which is a part of the primary or interstate and secondary or intercounty systems as will adequately meet the existing and probable future traffic needs and conditions thereon. The Secretary of Agriculture shall approve the types and width of construction and reconstruction and the character of improvement, repair, and maintenance in each case, consideration being given to the type and character which shall be best suited for each locality and to the probable character and extent of the future traffic.

SEC. 9. That all highways constructed or reconstructed under the provisions of this Act shall be free from tolls of all kinds.

That all highways in the primary or interstate system constructed after the passage of this Act shall have a right of way of ample width and a wearing surface of an adequate width which shall not be less than eighteen feet, unless, in the opinion of the Secretary of Agriculture, it is rendered impracticable by physical conditions, excessive costs, probable traffic requirements, or legal obstacles.

SEC. 10. That when any State shall have met the requirements of this Act, the Secretary of the Treasury, upon receipt of certification from the governor of such State to such effect, approved by the Sec-

retary of Agriculture, shall immediately make available to such State, for the purpose set forth in this Act, the sum apportioned to such State as herein provided.

SEC. 11. That any State having complied with the provisions of this Act, and desiring to avail itself of the benefits thereof, shall by its State highway department submit to the Secretary of Agriculture project statements setting forth proposed construction or reconstruction of any primary or interstate, or secondary or intercounty highway therein. If the Secretary of Agriculture approve the project, the State highway department shall furnish to him such surveys, plans, specifications, and estimates therefor as he may require; items included for engineering, inspection, and unforeseen contingencies shall not exceed 10 per centum of the total estimated cost of its construction.

That when the Secretary of Agriculture approves such surveys, plans, specifications, and estimates, he shall notify the State highway department and immediately certify the fact to the Secretary of the Treasury. The Secretary of the Treasury shall thereupon set aside the share of the United States payable under this Act on account of such projects, which shall not exceed 50 per centum of the total estimated cost thereof, except that in the case of any State containing unappropriated public lands exceeding 5 per centum of the total area of all lands in the State, the share of the United States payable under this Act on account of such projects shall not exceed 50 per centum of the total estimated cost thereof plus a percentage of such estimated cost equal to one-half of the percentage which the area of the unappropriated public lands in such State bears to the total area of such State: *Provided*, That the limitation of payments not to exceed $20,000 per mile, under existing law, which the Secretary of Agriculture may make be, and the same is hereby, increased in proportion to the increased percentage of Federal aid authorized by this section: *Provided further*, That these provisions relative to the public-land States shall apply to all unobligated or unmatched funds appropriated by the Federal Aid Act and payment for approved projects upon which actual building construction work had not begun on the 30th day of June, 1921.

SEC. 12. That the construction and reconstruction of the highways or parts of highways under the provisions of this Act, and all contracts, plans, specifications, and estimates relating thereto, shall be undertaken by the State highway departments subject to the approval of the Secretary of Agriculture. The construction and reconstruction work and labor in each State shall be done in accordance with its laws and under the direct supervision of the State highway department, subject to the inspection and approval of the Secretary of Agriculture and in accordance with the rules and regulations pursuant to this Act.

SEC. 13. That when the Secretary of Agriculture shall find that any project approved by him has been constructed or reconstructed in compliance with said plans and specifications, he shall cause to be paid to the proper authorities of said State the amount set aside for said project.

That the Secretary of Agriculture may, in his discretion, from time to time, make payments on such construction or reconstruction as the work progresses, but these payments, including previous payments,

if any, shall not be more than the United States pro rata part of the value of the labor and materials which have been actually put into such construction or reconstruction in conformity to said plans and specifications. The Secretary of Agriculture and the State highway department of each State may jointly determine at what time and in what amounts payments as work progresses shall be made under this Act.

Such payments shall be made by the Secretary of the Treasury, on warrants drawn by the Secretary of Agriculture, to such official or officials or depository as may be designated by the State highway department and authorized under the laws of the State to receive public funds of the State.

SEC. 14. That should any State fail to maintain any highway within its boundaries after construction or reconstruction under the provisions of this Act, the Secretary of Agriculture shall then serve notice upon the State highway department of that fact, and if within ninety days after receipt of such notice said highway has not been placed in proper condition of maintenance, the Secretary of Agriculture shall proceed immediately to have such highway placed in a proper condition of maintenance and charge the cost thereof against the Federal funds allotted to such State, and shall refuse to approve any other project in such State, except as hereinafter provided.

Upon the reimbursement by the State of the amount expended by the Federal Government for such maintenance, said amount shall be paid into the Federal highway fund for reapportionment among all the States for the construction of roads under this Act, and the Secretary of Agriculture shall then approve further projects submitted by the State as in this Act provided.

Whenever it shall become necessary for the Secretary of Agriculture under the provisions of this Act to place any highway in a proper condition of maintenance the Secretary of Agriculture shall contract with some responsible party or parties for doing such work: *Provided, however,* That in case he is not able to secure a satisfactory contract he may purchase, lease, hire, or otherwise obtain all necessary supplies, equipment, and labor, and may operate and maintain such motor and other equipment and facilities as in his judgment are necessary for the proper and efficient performance of his functions.

SEC. 15. That within two years after this Act takes effect the Secretary of Agriculture shall prepare, publish, and distribute a map showing the highways and forest roads that have been selected and approved as a part of the primary or interstate, and the secondary or intercounty systems, and at least annually thereafter shall publish supplementary maps showing his program and the progress made in selection, construction, and reconstruction.

SEC. 16. That for the purpose of this Act the consent of the United States is hereby given to any railroad or canal company to convey to the highway department of any State any part of its right of way or other property in that State acquired by grant from the United States.

SEC. 17. That if the Secretary of Agriculture determines that any part of the public lands or reservations of the United States is reasonably necessary for the right of way of any highway or forest road or as a source of materials for the construction or maintenance of

any such highway or forest road adjacent to such lands or reservations, the Secretary of Agriculture shall file with the Secretary of the department supervising the administration of such land or reservation a map showing the portion of such lands or reservations which it is desired to appropriate.

If within a period of four months after such filing the said Secretary shall not have certified to the Secretary of Agriculture that the proposed appropriation of such land or material is contrary to the public interest or inconsistent with the purposes for which such land or materials have been reserved, or shall have agreed to the appropriation and transfer under conditions which he deems necessary for the adequate protection and utilization of the reserve, then such land and materials may be appropriated and transferred to the State highway department for such purposes and subject to the conditions so specified.

If at any time the need for any such lands or materials for such purposes shall no longer exist, notice of the fact shall be given by the State highway department to the Secretary of Agriculture, and such lands or materials shall immediately revert to the control of the Secretary of the department from which they had been appropriated.

SEC. 18. That the Secretary of Agriculture shall prescribe and promulgate all needful rules and regulations for the carrying out of the provisions of this Act, including such recommendations to the Congress and the State highway departments as he may deem necessary for preserving and protecting the highways and insuring the safety of traffic thereon.

SEC. 19. That on or before the first Monday in December of each year the Secretary of Agriculture shall make a report to Congress, which shall include a detailed statement of the work done, the status of each project undertaken, the allocation of appropriations, an itemized statement of the expenditures and receipts during the preceding fiscal year under this Act, an itemized statement of the traveling and other expenses, including a list of employees, their duties, salaries, and traveling expenses, if any, and his recommendations, if any, for new legislation amending or supplementing this Act. The Secretary of Agriculture shall also make such special reports as Congress may request.

SEC. 20. That for the purpose of carrying out the provisions of this Act there is hereby appropriated, out of the moneys in the Treasury not otherwise appropriated, $75,000,000 for the fiscal year ending June 30, 1922, $25,000,000 of which shall become immediately available, and $50,000,000 of which shall become available January 1, 1922.

SEC. 21. That so much, not to exceed 2½ per centum, of all moneys hereby or hereafter appropriated for expenditure under the provisions of this Act, as the Secretary of Agriculture may deem necessary for administering the provisions of this Act and for carrying on necessary highway research and investigational studies independently or in cooperation with the State highway departments and other research agencies, and for publishing the results thereof, shall be deducted for such purposes, available until expended.

Within sixty days after the close of each fiscal year the Secretary of Agriculture shall determine what part, if any, of the sums there-

tofore deducted for such purposes will not be needed and apportion such part, if any, for the fiscal year then current in the same manner and on the same basis as are other amounts authorized by this Act apportioned among all the States, and shall certify such apportionment to the Secretary of the Treasury and to the State highway departments.

The Secretary of Agriculture, after making the deduction authorized by this section, shall apportion the remainder of the appropriation made for expenditure under the provision of the Act for the fiscal year among the several States in the following manner: One-third in the ratio which the area of each State bears to the total area of all the States; one-third in the ratio which the population of each State bears to the total population of all the States, as shown by the latest available Federal census; one-third in the ratio which the mileage of rural delivery routes and star routes in each State bears to the total mileage of rural delivery and star routes in all the States at the close of the next preceding fiscal year, as shown by certificate of the Postmaster General, which he is directed to make and furnish annually to the Secretary of Agriculture: *Provided*, That no State shall receive less than one-half of 1 per centum of each year's allotment. All moneys herein or hereafter appropriated for expenditure under the provisions of this Act shall be available until the close of the second succeeding fiscal year for which apportionment was made: *Provided further*, That any sums apportioned to any State under the provisions of the Act entitled "An Act to provide that the United States shall aid the States in the construction of rural post roads, and for other purposes," approved July 11, 1916, and all Acts amendatory thereof and supplemental thereto, shall be available for expenditure in that State for the purpose set forth in such Acts until two years after the close of the respective fiscal years for which any such sums become available, and any amount so apportioned remaining unexpended at the end of the period during which it is available for expenditure under the terms of such Acts shall be reapportioned according to the provisions of the Act entitled "An Act to provide that the United States shall aid the States in the construction of rural post roads, and for other purposes," approved July 11, 1916: *And provided further*, That any amount apportioned under the provisions of this Act unexpended at the end of the period during which it is available for expenditure under the terms of this section shall be reapportioned within sixty days thereafter to all the States in the same manner and on the same basis, and certified to the Secretary of the Treasury and the State highway departments in the same way as if it were being apportioned under this Act for the first time.

SEC. 22. That within sixty days after the approval of this Act the Secretary of Agriculture shall certify to the Secretary of the Treasury and to each of the State highway departments the sum he has estimated to be deducted for administering the provisions of this Act and the sums which he has apportioned to each State for the fiscal year ending June 30, 1922, and on or before January 20 next preceding the commencement of each succeeding fiscal year, and shall make like certificates for each fiscal year.

SEC. 23. That out of the moneys in the Treasury not otherwise appropriated, there is hereby appropriated for the survey, construction, reconstruction, and maintenance of forest roads and trails, the

sum of $5,000,000 for the fiscal year ending June 30, 1922, available immediately and until expended, and $10,000,000 for the fiscal year ending June 30, 1923, available until expended.

(a) Fifty per centum, but not to exceed $3,000,000 for any one fiscal year, of the appropriation made or that may hereafter be made for expenditure under the provisions of this section shall be expended under the direct supervision of the Secretary of Agriculture in the survey, construction, reconstruction, and maintenance of roads and trails of primary importance for the protection, administration, and utilization of the national forests, or when necessary, for the use and development of the resources upon which communities within or adjacent to the national forests are dependent, and shall be apportioned among the several States, Alaska, and Porto Rico by the Secretary of Agriculture, according to the relative needs of the various national forests, taking into consideration the existing transportation facilities, value of timber, or other resources served, relative fire danger, and comparative difficulties of road and trail construction.

The balance of such appropriations shall be expended by the Secretary of Agriculture in the survey, construction, reconstruction, and maintenance of forest roads of primary importance to the State, counties, or communities within, adjoining, or adjacent to the national forests, and shall be prorated and apportioned by the Secretary of Agriculture for expenditures in the several States, Alaska, and Porto Rico, according to the area and value of the land owned by the Government within the national forests therein as determined by the Secretary of Agriculture from such information, investigation, sources, and departments as the Secretary of Agriculture may deem most accurate.

(b) Cooperation of Territories, States, and civil subdivisions thereof may be accepted but shall not be required by the Secretary of Agriculture.

(c) The Secretary of Agriculture may enter into contracts with any Territory, State, or civil subdivision thereof for the construction, reconstruction, or maintenance of any forest road or trail or part thereof.

(d) Construction work on forest roads or trails estimated to cost $5,000 or more per mile, exclusive of bridges, shall be advertised and let to contract.

If such estimated cost is less than $5,000 per mile, or if, after proper advertising, no acceptable bid is received, or the bids are deemed excessive, the work may be done by the Secretary of Agriculture on his own account; and for such purpose the Secretary of Agriculture may purchase, lease, hire, rent, or otherwise obtain all necessary supplies, materials, tools, equipment, and facilities required to perform the work.

The appropriation made in this section or that may hereafter be made for expenditure under the provisions of this section may be expended for the purpose herein authorized and for the payment of wages, salaries, and other expenses for help employed in connection with such work.

SEC. 24. That in any State where the existing constitution or laws will not permit the State to provide revenues for the construction, reconstruction, or maintenance of highways, the Secretary of Agriculture shall continue to approve projects for said State until three

years after the passage of this Act, if he shall find that said State has complied with the provisions of this Act in so far as its existing constitution and laws will permit.

SEC. 25. That if any provision of this Act, or the application thereof to any person or circumstances, shall be held invalid, the validity of the remainder of the Act and of the application of such provision to other persons or circumstances shall not be affected thereby.

SEC. 26. That all Acts or parts of Acts in any way inconsistent with the provisions of this Act are hereby repealed, and this Act shall take effect on its passage.

Approved, November 9, 1921.

RURAL POST ROADS.

Schedule A.

DETAILED STATEMENT OF WORK DONE.

GENERAL.

Three appropriations for Federal-aid road work have been made; the first on July 11, 1916, for $75,000,000, the second on February 28, 1919, for $200,000,000, and the third on November 9, 1921, for $75,000,000, a total of $350,000,000. From the first two of these appropriations an administration fund of 3 per cent, or $8,260,000, was authorized by the acts and was deducted, leaving a balance of $266,750,000, which was apportioned to the States. The act of November 9, 1921, changed the administration percentage from 3 to 2½ per cent. This 2½ per cent of the $75,000,000 amounted to $1,875,000, and left $73,125,000, which was apportioned to the States. So that of the appropriations made to date $339,875,000 have been apportioned to the States and $10,125,000 retained for administration expenses. As of June 30, 1922, $166,901,363.29 of the apportioned funds had been paid to the States and $4,373,219.57 had been spent for administration expenses of the Bureau of Public Roads, leaving on that date a balance in the apportioned appropriations of $172,973,636.71 and in the administration fund of $5,751,780.43, or a total of $178,725,417.14. The balance payable to States, though relatively large, was not distributed among them in the same ratio in which the appropriated money was apportioned to them. To the more active road-building States nearly all the money apportioned to them had been paid, and in other States there were quite large balances not usable except to pay vouchers rendered by these same States.

The best evidence available indicates that the States considered as a unit would normally easily absorb approximately $100,000,000 in Federal aid, with a yearly appropriation of this amount.

PROCEDURE IN FEDERAL-AID WORK.

The procedure in Federal-aid road work, as required by law and specified in the rules and regulations promulgated by the Secretary of Agriculture, has been as follows:

The original Federal aid act required each State legislature to assent to its provisions, and required cooperation with the States through a State highway department. The first work of the bureau consisted in assistance to the States in framing legislation which would provide a satisfactory assent to the Federal aid act and a highway department in those States having none.

The first requirement of each State was a map showing the road system upon which it was proposed to do the work of the first five years. With the receipt of these the States were at liberty to submit project statements for roads included in the designated system which were proposed for improvement.

The initiatory step for the improvement of a project is by the State in the submission of a project statement wherein is adequately described the location, nature, and expected cost of the improvement proposed. This statement is submitted through the appropriate district office of the Bureau of Public Roads, of which there are 12; and from the district office, after proper field and office inspection and examination, it is forwarded to bureau headquarters in Washington, where after further scrutiny it is transmitted to the Secretary for action. If favorable action is taken, notice of it is sent to the State highway department, which then proceeds with the preparation of plans, specifications, and estimates for the project. These follow approximately the same routing as the statement, and if in proper shape they come from the district engineer's office with his recommendation for approval, and, in accordance with the rules and regulations, from the date of that recommended approval the State highway department is authorized to proceed with the construction. The approval of the plans, specifications, and estimates in Washington is followed by the execution of the project agreement between the State highway officials and the Secretary, and prior to its execution the State can collect no money. Upon the execution of the project agreement, a certificate is prepared for the State highway department and the Secretary of the Treasury, in which is set forth the amount of Federal aid allowed for the project, and upon the receipt of such certificate the Secretary of the Treasury is directed by the act to set aside the share of the United States payable under the act on the account of the project.

Following authorization the State proceeds with construction, and, as it is completed, the State submits to the Secretary of Agriculture estimates of work done and cost and vouchers, claiming payment from the United States of its pro rata part of the value of the labor and materials which have been actually put into the construction in conformity with the plans and specifications. These estimates and vouchers are received through the field representatives of the bureau, and, after a field inspection of the work to ascertain that the quantity of work shown in the estimate has been done and in conformity with the project agreement, and after an examination made of the vouchers to verify their correctness and justice, the district engineer forwards them to the Washington office of the bureau recommending payment, in whole or in part, as his inspection and examination show to be just and proper. Upon receipt in Washington the estimates and vouchers are given a thorough audit and upon approval are passed to the disbursing clerk of the department for settlement of the claim.

As may be noted from the above, the Federal construction procedure has resolved itself naturally into four steps: First, the approval of the project statement; second, the recommended approval of the plans, specifications, and estimates; third, the execution of the project agreement; and fourth, the acceptance of and the payment for the construction which has been completed. The approval of a project

statement by the Secretary imposes an obligation against Federal funds which is automatically revised if changes are required when final action is taken for each of the succeeding steps. The estimate of cost accompanying the plans may be greater or less than the amount given in the approved project statement and upon this estimate the project agreement is based. Again, when the work is completed the amount of Federal funds actually paid may be less than the amount stated in the project agreement; it is never greater. Many project agreements are amended, however, if valid reasons are given for such actions. The sum of the Federal aid amounts in the active steps of all projects is considered the total amount to which the Federal Government is obligated on account of apportioned funds.

On the 1st of July, 1922, of the total Federal-aid funds apportioned, $297,018,921 were obligated as above indicated, leaving an unobligated balance of $42,856,079. Splitting the obligated amount between the different stages, we had $33,644,638 in project statements approved, $21,093,729 in plans recommended, $139,960,758 in agreements executed where projects have not been completed, and $102,318,796 for projects entirely completed and paid for. On this same date there were $242,068,961 in Federal-aid funds under construction, including completed work, leaving available for new construction $97,806,039. Of this construction total, work to the value of $194,560,135 was completed, some of it in entire projects and some of it in the completed portions of projects under construction. The amounts actually paid to States out of the Treasury for Federal aid on the above date total $166,901,363.29. The difference between this amount and the value of completed work was about $27,650,000, which is the unvouchered balance remaining unpaid on account of completed work. The projects actually under construction (not including projects completed) on the above date involve $109,989,757 in Federal funds.

STATE COOPERATION.

The total of funds appropriated by or for the States as of July 1, 1922, on account of approved Federal aid projects was $394,193,155. The ratio of Federal participation averaged 42½ per cent and varied from 24 per cent in Delaware and 33 per cent in Kansas and Arkansas to approximately 49 per cent in Vermont, South Dakota, Montana, Arizona, and Utah and practically 50 per cent in New Mexico. The total program, including both Federal and local funds, amounted to $691,212,080. There is a table attached showing this information by States.

WORK DONE, MILEAGES.

Up to July 1 of 1922 the mileage involved in the projects for which Federal funds had been obligated to the States was 39,940.2; of this 14,513.3 was in 1,612 projects under construction and 17,716.4 in 2,876 projects on which construction had been entirely completed. The projects under construction were 56 per cent completed, but the equivalent mileage of about 8,127 is not included in the mileage of completed projects. A table showing the construction status is attached. The average length of the completed projects was 5.5

miles and varied from 1.8 miles, the average for the New England States, to 9 miles for the West South Central States of Arkansas, Louisiana, Oklahoma, and Texas.

WORK DONE, TYPES BUILT, ETC.

Of the work completed 22 per cent has been in grading, 60 per cent in surfacing, 14 per cent in structures, and the remainder miscellaneous.

The percentages of the different types built have been as follows:

Types.	Mileage.	Total cost.
	Per cent.	*Per cent.*
Graded and drained	16.4	8.4
Sand clay	12.3	5.0
Gravel	37.8	19.6
Water-bound macadam	2.7	2.1
Bituminous macadam	3.4	5.2
Bituminous concrete	4.5	7.9
Portland cement concrete	20.7	43.5
Brick	2.0	5.3
Bridges	.2	3.0
Total	100.0	100.0

In addition to the detailed statements relative to the work done under the Federal aid and Federal highway acts, which form the greater part of this report, the following general information concerning the work done during the fiscal year 1922 is presented:

POST ROADS.

Federal aid funds obligated during year	$49,042,465
Federal aid agreements executed	42,504,876
Federal aid work placed under construction	56,777,610
Federal aid work completed and final payment made during year	79,816,186
Amount paid States (including progress payments on work under construction)	88,216,122
Mileage:	
Placed under construction during the fiscal year—miles	6,782
Completed during the fiscal year—do	9,552
Total mileage completed and final payment made at end of fiscal year 1922—miles	13,355

FOREST ROADS.

Forest roads under construction—miles	578
Estimated final cost of forest roads under construction	$6,542,128
Forest roads completed during fiscal year—miles	369
Final cost of forest roads completed	$4,293,609
Total forest road mileage completed to end of fiscal year—miles	1,339

The Federal highway act of 1921 included a number of new provisions, of which the most important was that a system of roads, comprising not over 7 per cent of the total road mileage, be selected in each State, the same to be divided into primary and secondary interconnected systems. In carrying out this provision of the act, the various States were requested to submit tentative highway systems. By the end of the fiscal year most of the Sates had complied with this request, and in all of the bureau's field offices, qualified engineers were studying these proposed systems, adjusting differences, and harmonizing con-

necting points at State boundary lines in order to so perfect and correlate the proposed systems as to permit of their presentation to the Secretary for his approval. This work has progressed in an entirely satisfactory manner, such progress having already been made that it is thought that most of the State systems will have been presented to the Secretary before the end of the next fiscal year.

Another matter which has required a considerable amount of attention is the question as to what States have laws which enable them to meet fully the new provisions of the Federal highway act. At the end of the fiscal year it had been possible to certify to the Treasury Department, as required by section 10 of the act, that the laws governing highway work as indicated by the governors' certificates met the provisions of the act in the following States: Alabama, Arizona, California, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, Ohio, Oregon, Pennsylvania, Rhode Island, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, and Wyoming. Exemption under section 24 of the act had also been granted to the following States: Arkansas, Iowa, Kansas, Mississippi, Missouri, North Dakota, Oklahoma, South Carolina, South Dakota, and Texas. The status of the other States was under consideration with every prospect that the examination of all questions involved would be completed at an early date.

The requirement in section 15 of the act of 1921 that maps be prepared has been the subject of much thought and plans for this work are in an advanced stage. It has, however, been deemed advisable to delay the actual preparation of maps until the State systems are approved.

Under section 5 of the act, a large amount of surplus war equipment has been turned over for distribution to the States. This work continued throughout the fiscal year and at the end of the year was progressing rapidly and steadily, but with no indication that the volume of material available for distribution would diminish for some time to come.

Total Federal and State Funds in approved projects.

States.	Total estimated cost approved projects.	Total Federal aid.	Total State funds.
Alabama	$13,793,504	$6,809,279	$6,984,225
Arizona	8,521,511	4,289,530	4,231,981
Arkansas	14,307,426	5,329,827	8,977,599
California	18,063,660	9,038,203	9,025,457
Colorado	11,383,131	5,425,327	5,957,804
Connecticut	3,879,085	1,593,649	2,285,437
Delaware	2,684,060	805,655	1,878,405
Florida	6,465,336	3,123,773	3,341,563
Georgia	19,453,900	8,716,399	10,737,501
Idaho	8,329,242	3,860,716	4,468,526
Illinois	30,269,366	13,881,832	16,387,535
Indiana	16,036,006	7,817,267	8,218,739
Iowa	23,944,105	9,959,940	13,984,166
Kansas	27,498,384	8,651,722	18,846,662
Kentucky	11,224,565	5,304,505	5,920,060
Louisiana	8,680,542	3,859,575	4,820,968
Maine	6,739,114	3,214,225	3,524,888

Total Federal and State Funds in approved projects—Continued.

States.	Total estimated cost approved projects.	Total Federal aid.	Total State funds.
Maryland	$6,368,806	$2,982,984	$3,385,821
Massachusetts	12,217,174	4,975,697	7,241,476
Michigan	20,550,593	9,797,905	10,752,689
Minnesota	24,991,676	9,680,974	15,310,702
Mississippi	9,737,907	4,748,406	4,989,501
Missouri	19,529,436	9,032,546	10,496,890
Montana	11,091,052	5,474,095	5,616,957
Nebraska	11,928,226	5,819,293	6,108,933
Nevada	5,457,752	2,808,618	2,649,134
New Hampshire	2,723,470	1,321,716	1,401,754
New Jersey	12,535,693	4,058,887	8,476,806
New Mexico	7,838,264	4,162,984	3,675,280
New York	35,122,819	14,235,172	20,887,646
North Carolina	15,622,748	7,002,213	8,620,535
North Dakota	8,437,998	4,166,438	4,271,560
Ohio	35,646,761	12,467,409	23,179,352
Oklahoma	14,438,076	6,300,504	8,137,572
Oregon	11,198,177	5,258,718	5,939,459
Pennsylvania	43,021,268	15,882,169	27,139,098
Rhode Island	1,812,654	743,335	1,069,319
South Carolina	9,800,010	4,437,512	5,362,498
South Dakota	9,223,475	4,550,145	4,673,330
Tennessee	15,488,249	7,671,630	7,816,618
Texas	48,938,524	17,756,495	31,182,029
Utah	6,475,698	3,481,463	2,994,235
Vermont	2,399,732	1,171,523	1,228,209
Virginia	12,067,112	5,939,037	6,128,075
Washington	10,944,376	4,924,714	6,019,663
West Virginia	8,532,251	3,720,258	4,811,993
Wisconsin	17,920,313	6,763,510	11,156,803
Wyoming	7,878,853	4,001,151	3,877,702
Total	691,212,080	297,018,925	394,193,155

SCHEDULE B.

STATUS OF PROJECTS UNDERTAKEN.[1]

PART 1.

Projects completed and final payment made.

[All data as of June 30, 1922.]

ALABAMA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
3	$20,663	$10,331	9.1	37	$42,191	$17,151	7.2
4	20,065	10,032	8.7	41	30,971	15,473	6.9
5	52,919	26,459	7.1	42	101,581	50,709	5.7
6	20,694	10,002	7.7	44	102,507	44,980	.6
8	23,791	11,895	7.0	45	41,478	20,739	7.9
9	24,215	12,024	7.2	47	29,925	14,963	3.4
10	26,841	13,409	8.1	48	36,386	18,193	8.7
11	28,490	14,245	.8	50	30,843	14,503	6.4
12	19,148	9,574	2.5	51	46,958	23,479	5.4
13	33,948	16,433	5.5	53	23,598	11,365	3.2
14	79,270	32,993	8.7	54	12,773	6,282	1.5
15	26,420	13,210	4.3	55	185,336	92,668	5.0
16	27,992	13,996	11.3	56	191,885	83,040	3.8
17	77,048	38,148	4.6	57	243,405	113,400	5.7
18	220,810	81,600	4.1	58	46,827	23,414	3.2
19	24,152	11,351	4.5	59	227,763	102,803	5.0
22	35,353	16,636	7.7	60	27,526	13,367	9.2
23	70,417	35,208	9.3	61	40,724	19,252	11.1
27	37,085	16,968	4.0	63	32,664	16,332	6.3
29	34,371	17,185	6.0	64	42,059	21,030	10.3
32	35,645	17,813	6.8	65	55,048	27,524	8.8
33	13,831	6,915	2.7	67	135,794	67,897	22.3
34	83,564	41,766	.2	69	105,055	51,943	11.0
35	21,392	10,217	6.0	79	50,493	24,566	3.1
36	14,439	7,220	2.0	80	160,670	80,332	12.1

ARIZONA.

1	$111,964	$55,982	0.3	17-B	$199,078	$99,539	5.0
2	92,500	46,250	3.9	18-C	31,305	14,656	7.1
3	28,282	13,990	3.7	18-D	28,105	14,052	4.0
5	67,035	33,518	2.2	18-E	215,064	107,371	16.7
6	16,037	8,018	3.0	18-F	41,266	20,633	.1
7	125,820	62,910	12.7	21	70,332	24,206	1.1
8	208,399	103,210	6.6	23-D	162,723	81,362	8.7
9	125,379	58,009	3.8	25	40,332	20,166	.1
10	60,671	30,139	.1	27-B	105,793	47,700	14.4
11	274,724	137,362	8.5	28	58,408	29,204	2.6
12	117,893	37,260	2.0	29-A	256,206	128,103	8.9
13	144,625	72,313	5.4	31	69,633	34,816	.1
14-A	81,237	40,618	10.6	33	204,153	124,763	7.1
15-B	78,544	39,108	18.0	44	11,115	5,557	.5
15-C	40,023	19,030	.3	46	388,847	194,424	13.4
15-D	61,177	29,519	5.0				

[1] Where two or more projects are shown under the same number without sectional designation, the surfacing was of two or more types. Where there are projects shown with more than $20,000 Federal aid per mile, in other than the public land States, they contain bridges.

Projects completed and final payment made—Continued.

ARKANSAS.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$27,839	$13,878	3.1	32	$106,786	$53,000	12.0
2	109,438	54,719	5.5	44	75,825	37,000	12.9
3	16,051	6,841	8.0	45	81,392	21,000	6.4
4	38,162	17,442	6.0	46	36,118	18,000	12.5
5	67,877	11,591	5.7	54	177,588	85,000	7.5
6	10,173	2,500	3.0	55	46,073	21,400	3.8
7	10,536	2,558	2.0	56	21,901	8,700	4.0
9	62,992	31,392	8.1	58	36,967	17,400	5.0
10	5,225	2,086	1.5	61	71,876	34,500	23.1
11	23,282	10,000	3.0	69	45,595	17,500	5.9
13	28,455	5,467	4.9	75	91,993	40,000	21.6
14	23,509	10,000	5.2	82	61,045	30,523	6.5
18	33,766	15,637	6.1	83	35,877	17 000	8.6
19	123,187	60,836	5.0	91	485,068	137,500	12.6
22	45,941	21,761	15.4	94	100,920	50,000	9.4
23	138,290	68,800	12.0	98	58,637	20,800	5.5
24-A	77,929	20,138	11.9	114	22,980	7,800	2.8
24-B	162,024	35,525	28.5	116	53,045	21,000	2.3
24-C	888,595	201,855	46.0	129	44,180	20,000	4.8
24-D	1,083,350	246,733	57.1	131	50,195	24,000	4.2
24-E	169,834	62,749	9.6	133	46,553	20,000	4.6
27	74,545	37,273	14.0	137	89,406	35,000	3.4
31	76,972	38,000	8.0				

CALIFORNIA.

1	$82,777	$35,327	4.2	23	$62,053	$31,027	5.2
1 [1]	63,793	31,897	.....	24	107,946	53,973	9.4
3	53,939	24,245	2.6	25	84,304	39,571	3.6
7	223,026	105,334	15.9	27	263,876	115,327	12.8
11	251,496	123,334	8.2	33	78,724	38,142	7.1
13	272,809	136,405	17.6	34	74,045	35,324	6.6
16	48,166	19,736	2.8	35	201,371	100,686	13.8
19	161,980	58,684	9.7	39	405,251	178,368	14.3
20	147,849	58,354	9.4	51	182,212	80,555	6.7
21	157,801	78,900	5.2	55	131,677	59,706	4.6
22	42,093	19,043	1.3				

[1] Reopened for surfacing.

COLORADO.

1	$82,967	$37,198	4.0	57	$49,432	$23,801	1.4
3	60,988	30,494	8.9	60	16,755	8,260	.4
4	116,142	53,254	21.0	61	16,048	7,897	.4
6	24,106	11,855	3.1	62	29,027	14,278	.8
7	26,637	13,038	2.1	63	26,330	12,937	.8
9	101,542	44,962	19.0	64	30,993	14,047	7.8
10	47,247	23,607	1.8	68	87,394	43,167	11.4
11	35,959	12,991	7.5	74	75,536	37,768	6.5
12	27,851	13,926	.9	77	103,551	49,920	2.5
13	13,826	5,238	.4	78	166,948	55,174	2.8
14	23,831	10,314	.5	82	79,380	39,690	2.0
15	23,117	11,558	.7	83	97,165	47,494	2.7
16	10,221	4,922	.5	85	53,609	26,660	1.3
17	53,776	26,584	2.3	86	54,944	26,940	1.3
18	51,275	25,638	1.7	87	60,855	26,680	1.3
21	17,434	7,913	.4	88	48,108	22,340	1.1
22	16,505	8,140	.4	89	142,189	71,094	4.4
23	73,896	36,948	5.9	91	83,344	41,624	5.7
24	19,889	9,936	5.8	92	114,308	57,154	.1
27	11,629	5,300	.3	109	41,492	19,120	1.0
31	46,214	21,802	1.2	112	22,889	11,427	.8
33	72,382	36,191	2.0	117	45,796	18,715	.9
34	61,532	30,766	1.6	118	135,792	55,220	2.8
35	46,283	23,085	1.2	119	34,350	16,127	7.5
37	46,247	23,123	.8	122	70,762	33,913	8.4
38	102,758	51,358	2.7	123	141,177	70,588	6.9
39	31,768	13,711	5.9	124	15,116	7,247	.2
40	30,264	15,132	3.5	128	17,307	8,517	1.8
41	85,812	42,906	.3	184	35,307	18,095	.8
43	64,795	30,893	18.1	185	61,197	25,400	1.3
47	30,550	11,915	1.7	187	21,788	11,401	2.7
52	33,376	13,952	4.9				

Projects completed and final payment made—Continued.

CONNECTICUT.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$125,661	$53,000	5.3	3	$221,822	$110,911	7.8

DELAWARE.

1-A	$616,493	$28,550	5.7	3	$135,500	$36,000	4.0
1-B	54,974	4,500	.5	4	173,355	84,204	4.4
2	501,706	200,381	11.5	7	133,733	40,020	2.0

FLORIDA.

1	$33,951	$16,938	10.4	9	$35,514	$12,762	5.1

GEORGIA.

1-A	$294,322	$142,452	10.1	79	$243,722	$110,855	6.6
1-B	14,178	6,947	7.0	80	165,510	82,755	4.2
1-C	59,361	29,681	7.2	81	300,412	110,000	.2
1-D	61,021	29,084	9.1	83	34,820	17,410	5.8
4-A	44,428	16,336	1.4	85	41,199	19,910	5.0
4-B	70,129	32,969	9.4	86	60,711	27,258	4.9
5	81,432	40,716	17.6	88	115,850	57,925	4.6
6-A	28,832	12,604	5.7	89	98,060	47,300	.1
6-B	40,061	20,030	3.1	90	271,056	103,000	8.1
7	169,467	84,733	.9	91	154,297	77,149	4.9
8	210,118	105,059	.6	92	185,658	92,829	5.2
10	88,802	43,717	11.7	93	104,628	49,195	2.9
11	82,967	41,484	.5	95	123,627	61,813	10.0
12	102,969	48,130	.7	96	111,489	47,042	7.1
15	19,849	9,925	3.6	97	59,109	26,668	5.1
16	66,797	33,356	12.7	98	52,516	26,258	5.5
18	62,263	30,977	10.4	99	77,835	38,918	2.5
20	140,608	33,579	15.0	100	76,554	25,000	13.5
21	75,621	35,452	4.4	101	83,792	39,203	3.0
22	55,777	27,889	10.0	103	103,126	50,000	3.3
23	71,117	31,862	11.3	106	169,378	84,516	5.0
24	104,918	52,459	12.7	107	98,287	49,143	2.8
26	57,776	28,579	.7	111	144,676	71,306	8.8
29	142,840	70,219	1.4	112	80,471	36,525	.5
31	76,006	29,900	4.3	113	117,295	30,000	.6
32	28,769	14,384	9.7	114	136,375	66,646	7.1
33	67,477	30,000	6.0	115	27,260	13,504	.3
34	29,022	14,511	6.4	116	59,970	29,171	7.1
36	50,498	25,249	12.1	117	141,343	70,671	7.9
38	58,078	28,106	.1	118	157,351	78,675	5.5
39	187,334	93,667	.3	120	101,610	39,421	8.5
41	38,491	19,245	6.6	121	33,127	15,000	5.5
42	193,774	78,000	7.7	122	21,731	10,865	.1
42	301,367	122,000	5.8	123	34,825	17,413	.1
44	147,925	71,062	14.6	124	39,995	19,998	5.9
46	251,465	125,350	8.7	128	50,412	25,206	6.8
48	199,533	73,000	3.8	129	126,001	50,000	3.7
49	68,883	33,999	13.4	130	47,800	23,900	.3
50	13,585	6,793	.4	131	98,695	47,245	7.1
53	83,946	37,106	2.1	133	154,047	50,000	.2
54	98,394	49,197	2.8	134	221,461	65,000	19.9
56	70,301	35,000	12.0	135	34,025	14,591	8.8
59	37,214	17,906	4.3	136	55,915	26,966	.2
60	73,094	36,547	11.0	138	75,645	37,823	8.8
61	62,730	30,508	2.1	140	46,516	22,000	10.5
62	14,531	7,265	.6	142	40,168	16,203	.1
64	104,828	52,414	4.4	143	132,535	66,267	1.3
65	56,840	28,420	2.3	144	11,562	5,700	3.8
66	18,491	9,112	.7	146	26,568	12,111	6.0
68	103,269	43,295	9.1	147	110,986	50,000	13.2
69	21,411	8,000	3.8	148	89,402	44,701	4.7
70	245,994	121,000	7.4	151	79,837	38,185	7.3
74	43,832	15,000	.2	152	62,974	26,220	.1
75	20,747	10,373	.5	153	59,130	29,565	.9
76	119,201	48,493	9.9	154	14,963	7,482	3.3
77	345,458	158,472	19.2	155	41,132	20,566	8.1
78	246,672	123,061	.5	156	41,362	15,578	.5

Projects completed and final payment made—Continued.

GEORGIA—Continued.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
157	$146,604	$73,302	8.9	181	$80,867	$5,000	1.9
159	73,473	33,945	.5	183	117,039	50,000	4.9
160	40,394	20,197	.2	189	29,549	14,774	3.8
162	70,986	35,493	6.1	190	24,954	11,998	.3
163	21,510	10,755	1.5	194	15,083	7,542	2.3
164	28,406	13,531	.3	195	195,079	90,000	4.8
166	86,013	15,900	2.5	196	54,153	27,076	9.0
168	32,049	16,025	8.7	197	4,866	2,433	2.3
170	20,454	9,000	4.6	199	29,399	14,606	5.0
171	70,852	35,426	1.0	200	9,183	4,591	.3
172	41,933	12,000	.7	202	20,597	10,298	1.1
175	21,906	10,000	3.0	205	28,250	10,000	4.2
179	9,835	4,500	2.7	209	31,444	12,077	.2
180	34,697	17,349	2.1	213	50,277	25,138	4.3

IDAHO.

3	$98,346	$32,586	20.0	23-A	$538,677	$231,344	11.6
4	8,953	4,103	1.4	23-B	68,134	34,067	.5
5	22,851	11,200	5.0	24	301,538	140,000	7.0
5	355,256	173,330	33.0	25	50,861	25,427	1.5
6	399,707	198,691	21.8	27	207,448	103,606	16.7
7	7,998	3,680	2.0	29	215,421	107,710	11.8
7	73,644	33,320	16.0	30-A	124,138	62,069	14.2
8	125,370	61,269	.1	31	247,023	123,512	7.6
9	831,957	373,391	17.7	32	69,482	34,741	9.4
10	94,200	47,100	12.5	34	48,498	24,249	6.3
11	324,585	161,541	25.0	35	48,129	24,064	3.9
12	83,519	41,576	7.4	36	154,586	77,293	17.4
13	97,704	44,990	.1	37	93,237	46,619	4.3
14	229,193	104,422	5.7	38	88,022	30,000	15.4
15	121,074	60,537	8.1	39	70,796	20,000	4.3
16-A	50,095	25,047	6.3	40	193,272	96,636	13.6
17	74,905	37,453	8.9	42	62,432	31,216	5.0
18	310,834	154,144	22.1	43-A	80,516	37,272	1.9
19	153,650	76,825	12.6	44	92,038	46,019	9.9
21-A	167,456	80,750	3.9	47	13,423	6,600	6.2

ILLINOIS.

1-M	$20,989	$9,167	0.5	3-B	$151,552	$75,776	5.8
1-1	117,863	58,932	4.2	3-C	206,851	103,409	6.8
1-2	71,424	31,137	2.2	3-D	166,568	81,063	5.2
1-3	71,207	35,604	2.4	4-A	174,054	87,027	4.6
1-5	119,415	59,707	4.6	4-B	147,376	69,940	3.5
1-6	113,383	56,691	4.3	4-C	171,385	85,680	5.0
1-7	123,055	61,528	4.8	4-D	143,300	71,650	4.1
1-8	71,828	35,914	2.9	4-K-15d	60,609	30,305	1.8
1-9	180,292	90,146	7.4	4-M	29,886	13,871	1.0
1-10	146,923	69,144	4.5	5-B	105,915	52,021	3.4
1-11	193,826	96,918	6.2	5-C	112,328	48,952	3.3
1-12	85,106	42,553	2.8	5-D	192,308	83,102	4.0
1-13	127,047	59,215	3.3	5-E	197,902	87,722	3.9
1-14	192,269	96,134	6.5	5-F	21,587	10,793	.6
1-15	243,786	110,823	6.5	5-G-15d	78,963	32,040	1.6
1-16	88,316	41,054	2.6	5-K	34,987	15,700	1.6
1-17	124,989	62,494	4.7	5-N	121,711	60,681	4.6
1-18	9,747	4,873	1.0	6-A	71,590	32,937	1.8
1-19	79,363	33,717	1.4	6-B	251,271	125,635	7.0
1-20	83,895	39,196	2.1	6-C	138,089	69,044	3.9
1-21	23,985	11,992	.9	6-C-15d	82,787	41,393	2.2
1-22	52,886	26,443	1.9	6-D	186,938	93,469	5.4
1-23	22,424	11,212	.8	6-E	126,998	59,147	2.7
2-L	37,255	18,627	1.0	6-F	155,918	77,959	4.4
2-M	26,146	13,073	.7	6-F-15d	85,174	42,587	2.2
2-1	225,565	112,782	7.5	6-G	149,453	74,726	4.5
2-2	234,163	117,081	7.7	6-H	170,857	85,429	5.1
2-3	194,878	97,439	5.2	6-I	164,188	82,094	5.0
2-4	245,123	119,160	7.0	6-J	152,627	76,314	3.9
2-5	267,939	133,969	8.4	6-L	68,195	30,315	1.6
2-6	183,083	91,541	7.1	6-L-15d	175,129	87,564	6.5
2-7	209,685	104,843	7.3	6-M	22,154	11,077	.9
2-8	131,118	65,559	4.7	6-O-15d	127,000	63,500	3.3
2-9	104,181	52,090	3.5	6-X	67,711	33,856	.1
2-10	82,691	41,345	2.9	7-A	166,612	83,306	6.7
2-12-15d	63,757	31,878	2.1	7-B	84,987	28,580	1.4
3-A	172,653	86,327	5.4	7-G	222,578	105,356	5.0

Projects completed and final payment made—Continued.

ILLINOIS—Continued.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
7-H	$200,045	$81,216	3.9	9-39	$140,381	$70,191	3.8
7-M-15d	87,172	43,492	2.6	10-E	245,478	122,739	7.9
7-N-15d	118,617	55,952	2.3	10-F	232,797	111,780	5.6
7-O	235,020	112,385	5.4	10-G	357,310	162,566	7.6
7-P	84,420	42,210	2.5	11-S	24,493	12,246	.0
7-Q	144,047	72,023	3.9	11-R	93,807	46,904	4.8
7-T	67,866	33,933	2.2	12-A	157,970	78,985	4.4
8-C	175,540	87,770	5.7	12-B	132,801	66,401	3.4
8-D	202,091	101,046	6.6	12-C	67,458	32,700	1.8
8-E	187,984	93,992	6.3	12-C	149,799	73,031	3.5
8-F	159,524	79,521	5.5	12-D	156,712	75,000	3.3
8-G	166,249	83,124	5.0	12-D	64,267	30,500	2.1
8-H	200,392	100,189	5.7	12-E	234,234	117,117	6.2
8-I	112,533	56,267	3.5	14-2	101,770	27,821	.1
8-I-15d	117,685	57,912	2.5	14-3	34,079	9,288	3.1
8-L-15d	62,354	30,866	1.8	14-9	17,837	4,779	1.8
8-P-15d	155,584	77,292	4.6	14-10	134,523	32,896	6.3
8-Q	103,022	51,511	2.7	14-11	93,455	24,126	5.2
8-R	155,039	77,519	4.9	14-13	131,075	32,208	7.2
8-S	182,577	91,289	4.8	14-14	114,074	30,569	6.3
8-T	158,136	64,572	3.0	14-15	117,436	31,110	4.3
8-U	135,707	67,854	3.7	14-16	73,763	19,818	5.9
8-V	195,932	91,244	3.6	14-23	258,089	70,876	4.1
8-W-15d	154,713	76,646	5.0	14-24	30,673	8,883	1.0
8-Y	161,303	80,651	4.0	14-25	60,861	16,242	1.3
8-Z	24,816	11,599	.6	14-26	17,724	5,231	.8
9-A	206,364	103,182	5.5	14-27	73,007	20,331	1.6
9-B-15d	114,385	57,140	3.1	14-28	26,883	8,133	.5
9-B	179,496	89,748	4.6	14-29	54,176	14,731	.7
9-C	180,269	90,135	4.5	14-30	30,941	7,776	.9
9-CF-15d	97,922	48,961	3.3	14-31	7,475	2,100	.1
9-D	163,157	81,578	5.1	14-32	36,042	10,953	2.4
9-D-15d	109,846	54,923	3.4	14-33	19,440	5,433	1.2
9-E	143,214	71,607	4.6	15-1	71,763	19,019	5.8
9-E.G-15d	110,462	55,231	4.0	15-5	107,169	30,639	3.8
9-F	167,280	83,640	3.8	16-15	68,275	17,627	4.1
9-F.G-15d	107,459	53,730	3.8	16-16	105,033	28,327	7.2
9-H	245,215	122,608	5.5	16-17	173,971	47,464	1.5
9-H-15d	44,455	22,227	1.5	16-18	75,599	20,348	2.3
9-I	131,666	65,833	4.3	17-1	67,442	18,019	6.9
9-J	69,092	34,546	1.5	17-2	129,420	35,326	7.5
9-K	73,179	36,104	2.0	18-2	51,745	15,891	.4
9-L	260,207	102,420	4.1	18-5	21,379	6,049	1.8
9-M	131,215	65,607	3.4	18-6	9,018	2,420	.3
9-N	165,358	82,679	5.3	18-12	17,059	4,998	1.5
9-O	159,557	79,779	5.3	18-20	41,328	11,293	3.1
9-P	133,664	66,832	2.7	18-26	44,041	6,845	1.1
9-P-15d	141,714	70,362	3.8	20-2	9,774	3,135	1.0
9-Q	110,932	55,466	3.6	20-3	76,035	20,721	6.0
9-R	65,926	32,963	2.1	20-4	35,862	9,833	.7
9-S	147,493	73,746	4.8	20-5	21,435	5,843	1.4
9-T	204,064	77,859	2.2	20-6	43,341	11,970	1.7
9-V	167,516	83,758	5.3	20-7	43,923	12,163	4.4
9-W	187,473	52,560	1.9	20-8	16,534	4,475	1.6
9-X	75,728	37,853	2.4	20-10	20,609	5,854	.9
9-6	114,078	57,039	4.0	20-11	4,415	575	.2
9-27	33,411	16,705	1.1	21-2	43,974	12,273	.9
9-28	103,501	51,751	3.0	22-1	6,634	1,152	.2
9-29	63,311	31,655	2.2	23-2	29,731	8,086	1.9
9-30	33,671	16,835	1.0	23-4	36,579	10,482	1.8
9-31	68,273	34,136	2.4	23-5	228,323	61,360	2.3
9-33	143,946	71,973	3.7	23-6	37,850	10,441	1.0
9-37	140,008	70,004	3.7	23-7	7,356	2,298	.4
9-38	321,333	143,916	4.5	23-8	294,152	27,015	2.0

INDIANA.

1	$262,522	$127,695	6.4	11	$133,426	$66,713	3.5
2	187,268	93,634	4.7	12-A	79,079	39,539	2.5
3-A	308,439	149,417	7.3	12-B	231,520	109,902	6.1
4-B	355,674	170,916	8.1	13-A	247,945	120,959	8.9
5	37,427	18,626	1.5	16-B	495,160	223,334	10.3
6-A	279,398	136,099	7.4	18-B	95,669	46,043	3.0
7	184,364	89,500	6.1	20	47,233	18,700	1.0
8A	211,857	103,411	5.8	25	10,667	4,844	.1
10-A	294,156	143,548	8.4	30	28,031	14,015	.9

Projects completed and final payment made—Continued.

IOWA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
3	$87,265	$35,000	19.8	39	$305,107	$148,200	7.4
7	65,084	22,532	16.4	41	647,721	248,000	12.4
1	95,009	22,453	4.1	43	1,149,992	450,000	22.5
8	88,637	30,000	9.8	46	43,743	13,400	2.7
9	38,554	9,660	9.8	51-A	154,536	50,000	12.2
9	56,609	14,200	1.1	61	269,067	120,000	6.1
10	111,320	47,500	18.4	65	91,164	36,200	11.5
12	55,116	18,000	16.8	65-B	81,700	30,000	10.6
13	136,153	28,233	12.2	68	213,965	96,000	4.8
16	93,591	45,000	15.9	75	134,001	49,000	13.4
20	75,847	24,000	8.3	81-A	26,312	12,299	5.6
23	261,754	118,500	5.9	84	141,662	54,000	2.9
25	175,250	46,881	4.1	89	364,322	144,400	7.2
26	132,401	16,508	10.0	99	78,887	37,931	9.0
28	92,932	29,381	24.4	104	350,666	131,000	6.6
29	175,998	80,800	14.7	109	459,480	220,000	11.1
30	63,574	25,400	7.5	110	115,905	34,900	22.8
31	87,142	27,000	10.4	114	1,162,724	340,000	17.1
33	77,724	32,600	8.5	115	984,811	441,400	22.1
35	85,979	42,000	13.2	116	54,981	21,900	14.0
37	91,626	22,600	12.8	128	125,223	50,000	2.5
38-C	95,179	45,000	20.8				

KANSAS.

1-D	$340,940	$102,840	6.9	27-F	$266,363	$75,210	5.0
11	301,716	110,430	7.4	27-G	209,663	66,645	4.4
12	41,334	11,180	1.1	29-G	227,304	59,400	4.0
15	855,005	263,580	17.6	30	193,958	67,335	4.5
16-A	150,359	45,645	3.0	31	10,961	4,620	.3
17	36,192	12,962	.9	32	281,123	68,145	4.5
18	48,430	13,800	.9	35	394,054	128,025	8.5
19-B	90,618	41,516	4.5	42	56,957	25,539	5.3
21	68,104	31,457	3.1	49-A	267,455	81,250	5.5
21	4,539	2,080	.2	51	46,730	6,000	.8
22	701,472	264,885	17.7	65	74,672	30,045	2.0
23	144,321	69,586	9.9	69	20,334	5,967	2.0
24	604,857	180,120	12.0	70	14,321	3,870	.3
25-A	97,927	37,500	2.5	75	22,574	7,575	.5
25-B	42,396	19,110	1.3	80	24,794	7,500	.5
26-A	89,018	34,515	2.3	91	29,497	10,740	.7
27-I	8,087	3,210	.2				

KENTUCKY.

1-A	$223,102	$73,000	3.9	19	$160,431	$49,214	7.1
1-B	177,689	57,683	4.2	20	221,696	110,848	6.5
2-A	192,076	96,038	6.4	23-A	96,032	22,660	1.1
4	12,186	5,900	1.1	23-B	118,508	45,253	6.5
4	146,561	72,482	10.2	29-A	86,851	25,740	1.3
5	57,303	28,649	5.0	34-C	40,785	18,409	5.6
9-A	76,049	36,571	4.3	36-B	180,432	85,036	4.3
13	227,457	107,754	15.0	41-E	141,497	70,749	18.3
14	43,532	21,766	1.8	43	150,864	54,867	3.9
15	90,987	41,840	2.1	46-B	134,023	66,947	13.6
16	48,923	24,461	1.9	57	28,213	13,425	1.5
18	201,911	95,675	4.5				

LOUISIANA.

8	$25,627	$11,332	7.4	39	$250,996	$100,113	18.1
12	137,871	43,699	27.3	41	35,037	15,027	2.9
12-B	11,014	5,488	1.0	42	137,922	67,156	13.6
13	90,731	43,661	4.0	45	81,769	40,885	8.4
14	153,343	62,000	13.7	46	93,387	40,071	8.1
15	67,504	26,598	5.4	47	435,269	206,228	35.1
16	76,514	25,000	4.9	54	99,623	48,516	3.2
21	95,230	45,129	11.7	65	74,787	35,569	5.0
22	66,889	30,080	1.7	67	86,505	37,403	4.3
24	26,161	12,500	4.8	73	139,980	35,101	6.9
25	48,710	24,355	7.0	74	51,930	25,031	4.6
26	54,489	23,305	6.3	76-C	160,071	75,877	12.5
28	72,488	30,542	8.6	76-D	117,119	57,233	13.1
31	58,400	21,264	4.3	76-E	78,495	29,880	5.9
35	76,820	32,295	7.5	77	96,450	48,225	7.8
36	97,968	47,212	12.6	78	78,826	39,413	5.6

Projects completed and final payment made—Continued.

MAINE.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$330,992	$165,467	15.6	10	$120,354	$49,211	2.5
3–B	386,728	193,364	12.8	24	71,274	34,436	5.2
4	120,085	56,539	7.1	26	128,047	64,024	3.9
5	89,805	42,128	3.3	34	189,643	91,400	4.6
7	93,001	42,050	3.5	39	35,012	17,007	2.2
9	254,183	101,655	4.7				

MARYLAND.

1	$35,019	$17,510	2.0	22–A	$84,315	$42,157	2.6
2–A	51,198	25,599	1.6	22–B	76,682	38,341	2.5
2–B	24,499	12,249	.9	23	16,949	8,474	.7
3	83,881	41,941	2.3	24–A	248,256	77,200	3.9
4	77,653	38,827	2.1	25–A	35,714	17,857	3.0
5	91,533	40,600	2.0	25–B	46,565	23,283	3.9
6–A	199,056	94,725	5.5	26–A	45,628	22,814	2.0
6–A	50,438	24,000	4.5	26–B	79,430	39,715	2.4
6–B	180,527	89,401	11.6	26–C	98,215	49,107	3.0
7–A	185,623	89,879	11.2	27	77,946	18,288	.9
7–B	36,718	18,359	1.4	28–A	36,202	15,064	.8
7–C	32,759	16,379	.9	30–A	60,733	30,367	1.9
7–D	9,219	2,920	.1	31–A	14,242	7,121	1.1
8–A	90,447	45,224	3.1	32–A	76,986	38,441	5.9
8–B	95,235	47,618	3.0	33–A	36,709	17,637	1.1
9–A	59,629	29,815	2.2	33–B	35,259	17,629	1.0
10–A	115,111	47,600	2.4	33–C	201,343	86,200	4.3
11	59,703	29,852	1.9	34–A	117,195	58,050	5.6
12–A	53,274	26,637	2.0	35–A	85,299	42,650	2.9
12–B	57,798	28,899	2.0	36–A	34,083	14,019	.6
12–C	253,921	126,961	6.6	37–A	55,433	27,717	2.0
13–A	55,099	27,550	1.5	38	132,456	66,228	3.6
14	94,750	47,375	3.5	39	69,440	34,720	2.4
15–A	67,912	33,956	2.0	40	67,467	33,733	2.4
16–A	137,681	68,841	3.7	41	78,886	25,600	1.3
16–B	57,613	28,806	1.5	42	77,031	38,515	2.1
17–A	53,218	26,609	2.0	43	19,255	9,627	.5
17–B	77,821	38,910	2.3	44	34,363	17,182	1.0
18	65,807	32,904	2.1	45	21,631	10,703	2.0
19	51,087	25,544	1.5	46	21,137	10,459	.7
20	57,729	28,865	2.2	47–A	82,467	41,234	4.4
21	75,668	37,834	3.0				

MASSACHUSETTS.

1	$54,132	$21,820	2.2	29	$128,674	$46,558	2.6
2	41,003	19,480	2.7	31	48,992	22,140	1.1
3	41,237	11,620	1.2	33–A	129,579	43,640	2.2
4	45,809	15,460	1.3	33–B	51,695	25,847	1.6
5	204,767	64,800	3.2	34	65,140	27,180	1.4
6	24,415	10,678	1.8	36–A	202,729	91,348	10.7
7	230,703	86,817	4.7	37	47,454	20,579	1.2
8	185,134	90,075	7.0	38	152,461	56,540	2.8
10	73,314	36,657	1.9	40	56,056	20,220	1.0
10	7,795	3,898	.5	41	44,282	22,141	1.3
11	160,642	77,601	4.8	42	103,273	45,820	2.3
12	45,369	21,852	2.2	43	74,239	12,760	.6
13	282,922	130,504	6.5	45–C	106,473	35,900	1.8
14	45,375	22,688	3.3	46–A	79,827	33,440	1.7
15	119,004	59,502	4.4	51–A	81,824	39,180	2.0
17	110,818	35,880	1.8	53–A	58,174	17,800	.9
19	89,312	42,320	2.1	53–B	111,385	33,640	1.7
20	73,121	35,212	2.9	54–A	74,748	16,580	.8
23	62,698	31,349	2.1	55	35,965	10,980	.5
24	41,991	19,528	2.8	57	118,263	59,131	3.0
26–A	339,387	102,680	5.1	58	65,483	26,900	1.3
27	40,415	20,207	1.8	60	76,449	38,225	1.9
28–A	46,097	19,780	1.0	65	81,871	32,760	1.6

Projects completed and final payment made—Continued.

MICHIGAN.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
2	$93,939	$38,795	6.0	16–B	$19,080	$7,460	0.4
4–A	79,825	28,771	5.1	17	83,049	35,364	8.0
4–B	66,973	18,475	2.9	18	40,705	20,352	3.1
6	142,458	71,229	14.1	19	52,364	24,506	4.0
6–F	23,548	11,596	1.3	20	170,630	85,315	5.6
7	92,892	39,077	6.0	21	144,197	69,250	6.0
8	170,498	79,200	7.0	23	39,919	19,959	2.5
9–A	76,034	28,840	2.9	27	145,742	72,871	5.7
9–B	9,338	2,480	.1	28	117,432	58,716	5.3
10	84,086	42,043	6.7	30	174,846	87,423	7.1
11	46,586	23,293	5.5	31	189,382	94,691	6.7
12–A	57,024	27,482	4.7	32	253,267	125,929	7.0
13	201,362	93,178	6.5	34	64,737	32,369	2.2
14	83,407	41,704	4.3	36	60,339	30,170	1.7
15	44,566	22,278	4.2	40	79,897	39,948	3.4
16–A	54,247	27,124	2.0	43–B	565,848	280,306	14.0

MINNESOTA.

1	$265,226	$131,104	50.0	67	$27,457	$11,391	3.7
2	276,346	107,301	32.2	68	29,512	13,000	4.6
3	207,022	84,000	39.6	69	23,788	9,000	4.3
4	77,351	30,000	20.6	70	21,443	10,296	2.7
5	63,208	23,100	15.4	73	122,622	28,299	3.6
9	34,991	15,000	8.0	77	63,430	23,000	5.5
11	53,333	25,228	7.0	78	52,526	26,091	14.0
12	26,933	10,000	5.3	81	180,469	90,000	26.3
13	94,107	43,742	14.0	82	108,689	49,624	9.7
15	122,552	55,069	20.0	85	44,774	15,958	5.4
16	98,943	49,471	12.9	87	36,322	17,000	6.0
16	142,914	71,457	7.5	88	35,916	15,000	5.0
17	47,622	19,259	8.6	90	48,724	24,362	7.0
18	83,919	33,000	7.7	97	186,897	87,883	14.5
19	172,070	80,000	4.0	98	84,696	35,000	15.7
19	4,475	1,769	2.1	99	86,757	19,000	16.9
20	166,318	73,003	21.3	101	83,521	22,042	8.0
21	131,033	51,800	14.0	103	97,875	47,232	14.6
22	254,164	108,558	17.0	105	7,553	3,777	3.0
23	276,323	96,486	6.0	109	71,352	19,000	23.3
24	46,636	21,989	12.0	110	30,068	10,363	8.1
25	123,963	61,981	20.0	111	8,001	3,553	2.0
26	33,613	15,378	4.8	112	59,331	25,000	1.4
27	123,437	47,782	16.0	113	115,334	31,860	3.3
28	69,641	34,821	5.7	116	55,875	21,600	1.1
29	113,550	45,000	19.5	117	16,818	8,000	.1
30	72,585	30,000	5.3	118	135,638	50,000	7.0
32	149,103	25,000	27.8	121	98,047	25,000	9.9
33	58,337	25,000	29.1	122	108,238	25,000	12.4
34	34,702	15,000	9.0	123	29,001	11,556	2.8
35	205,346	44,707	5.9	124	71,943	35,972	6.6
36	212,023	67,145	24.1	125	76,003	30,200	1.5
37	194,918	40,000	5.5	126	31,566	5,000	.....
38	210,088	100,000	24.6	128	140,562	20,000	14.9
40	122,413	56,289	12.3	132–A	34,577	15,000	5.4
41	87,093	24,287	5.5	132–B	40,071	13,966	4.4
42	96,424	32,074	7.2	136	18,398	9,000	3.0
43	35,574	12,000	4.1	137	36,134	17,148	6.3
44	130,826	65,413	4.4	145	111,323	33,462	7.1
47	109,228	36,538	16.2	150	50,066	10,000	5.8
49	102,632	40,000	15.1	159	91,575	39,000	9.7
50	20,975	7,500	4.0	161–A	66,149	25,000	10.0
51	96,916	39,841	19.3	163	69,924	25,000	6.0
52	57,932	21,935	8.8	170	267,175	127,261	17.6
53	105,016	46,000	9.1	174	46,840	8,462	3.0
54	101,791	30,000	38.5	176	75,229	24,656	7.4
55	13,496	4,000	6.5	185	64,691	27,636	6.0
56	64,022	16,000	16.9	186	220,347	60,707	3.8
58	174,788	66,000	5.5	186	42,678	15,293	3.8
59	26,390	10,964	4.0	187	20,013	8,843	1.4
60	226,770	113,385	6.5	191	10,223	4,799	1.4
62	58,241	26,538	13.2	194	32,424	10,000	10.4
63	337,855	168,927	10.0	195	19,204	9,602	8.0
64	423,096	150,000	12.9	197	54,694	18,200	.9
66	68.832	32,897	10.4	198	12,276	5,000	5.8

Projects completed and final payment made—Continued.

MISSISSIPPI.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
5	$59,901	$26,741	5.8	44	$47,008	$23,504	10.7
6	50,041	25,021	14.1	47	20,193	10,096	3.7
9	45,246	22,623	5.6	53	254,285	89,000	11.7
10	98,131	49,066	6.9	55	292,023	145,000	33.7
11	49,815	24,908	7.1	61	176,255	88,128	13.1
12	38,202	17,692	6.6	65	35,844	17,922	6.8
13	34,572	8,000	4.3	67	135,140	67,570	8.1
14	30,535	15,268	13.7	77	100,818	50,272	2.6
15	60,483	30,242	9.0	80	48,690	24,345	3.6
16	62,474	29,026	7.8	81	90,890	40,152	4.5
17	32,957	15,000	4.1	86	57,741	28,870	3.6
18	21,892	10,390	3.8	92-A	108,781	54,390	12.0
20	135,979	67,989	16.2	93	127,444	57,171	13.0
21	58,303	26,580	7.3	95	257,047	126,142	6.4
22	114,349	54,679	11.8	98	84,365	41,705	9.6
28	73,263	36,631	5.4	106	31,192	15,574	3.1
30	55,082	27,541	7.7	108	69,375	34,688	5.1
31	49,719	21,916	3.2	109	8,148	4,074	.9
33	34,095	12,500	4.0	119	26,433	13,217	4.0

MISSOURI.

1	$139,881	$37,053	26.4	52	$106,358	$53,179	3.2
2	117,937	29,803	7.5	71	16,256	8,128	1.8
3	30,790	10,379	6.5	79	87,479	36,000	1.8
7-A	489,077	244,539	15.3	79	526,943	217,801	10.7
11	55,308	27,493	7.7	79	10,056	4,100	.2
12	192,653	96,327	.2	81	92,331	46,166	2.8
13	35,113	17,557	2.2	88	21,472	10,736	7.4
17	149,279	74,640	6.0	91-A	47,687	23,738	5.8
18	82,320	41,160	3.1	94	33,227	7,520	.4
19	148,646	47,800	2.4	95	14,742	7,371	1.0
21	62,260	31,130	14.5	101	87,158	43,579	8.2
22	65,013	32,506	1.7	106	30,382	15,191	5.1
26	122,007	61,004	8.6	108	26,004	13,002	5.1
28	22,699	11,350	1.7	120	69,352	34,676	3.9
31	14,405	7,203	3.5	121-A	55,707	27,854	4.9
42	48,421	24,089	10.4	123	11,375	5,546	.5
47-A	44,057	22,028	9.7				

MONTANA.

1	$23,918	$10,989	4.7	80	$10,450	$5,225	0.0
3	30,905	14,582	2.7	81	8,090	4,045	.0
5	13,561	6,266	2.0	83	16,171	8,086	1.9
6	39,034	19,516	7.5	84-D	40,144	19,840	6.8
8	55,804	27,902	9.8	86-B	111,118	55,559	16.0
10	121,520	60,760	18.7	88-A	37,852	19,132	3.1
12	49,895	24,947	3.3	88-A	15,481	7,800	2.0
14	65,429	32,715	.1	91	59,070	27,380	1.4
15	45,921	22,960	4.3	92	172,283	76,597	7.8
16	22,267	10,763	3.8	93	23,539	10,737	3.4
18	25,478	10,977	4.0	94	112,938	56,469	14.1
22	35,205	17,603	4.3	95-A	109,465	54,733	8.1
23	27,928	13,838	4.3	95-B	96,952	48,476	10.2
26	28,205	13,806	6.1	99	22,217	10,282	3.8
27	84,008	40,921	10.9	100	32,762	15,791	3.2
28	68,726	34,328	7.9	101	71,725	35,763	10.8
29	56,664	26,260	1.3	103-A	69,862	34,480	1.2
30	53,509	26,754	.1	103-B	126,420	63,210	10.4
34	202,969	101,485	.2	103-B	23,355	11,678	3.7
39	25,017	12,508	.3	103-C	119,753	59,625	18.8
41	51,345	25,673	5.0	103-C	14,839	7,400	2.9
44-A	157,878	75,830	3.8	106	90,945	45,472	11.6
48	75,148	37,574	25.3	108-A	77,588	38,794	11.3
51	69,259	16,800	.8	108-B	51,712	25,856	6.5
52	91,574	39,900	2.0	109	111,642	55,821	5.2
53-A	185,068	92,534	26.0	114	70,360	35,180	10.9
54	8,401	4,201	.9	125	16,368	8,102	.0
60-A	49,092	25,641	5.5	127	47,559	23,779	2.9
61	48,476	24,238	6.9	127	17,799	8,900	4.7
64	242,796	119,418	18.3	129	27,584	13,792	1.2
65	274,901	137,370	35.9	134	29,931	14,966	3.2
68	304,240	151,295	7.9	136	109,198	54,599	13.2
69	28,298	13,451	.7	141	107,833	53,917	.1
70-A	349,090	174,545	9.1	147	17,779	8,889	.0
77	123,648	57,842	9.1	149	21,042	9,563	1.3
79	18,792	9,279	.0	158	52,591	26,295	8.9

Projects completed and final payment made—Continued.

NEBRASKA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$197,541	$54,400	5.4	38	$37,560	$14,539	12.1
11	39,222	19,525	7.1	54	45,692	21,187	11.0
17	18,297	7,900	.4	58-A	82,031	28,332	1.4
17	39,131	17,200	9.6	73	76,181	37,209	20.3
19	15,672	7,836	4.0	81	190,728	95,364	5.9
25	94,250	44,790	29.7	88-A	39,004	19,502	3.3
27	127,032	61,769	30.3	106	55,690	23,000	1.2
28	97,452	35,991	25.7	151	36,816	10,977	.6

NEVADA.

1	$122,316	$61,158	16.7	17	$47,588	$23,155	5.9
5	163,912	78,810	18.7	21	42,592	19,400	1.0
7	422,610	186,400	9.3	2	48,756	20,048	14.8
8-C	65,510	23,535	2.7	23	215,288	107,644	11.1
9	225,491	97,454	5.4	27	80,022	39,954	.3
11	56,107	22,169	8.9	28	92,793	36,000	1.8
12	25,747	12,349	2.3	29-A	216,377	93,800	4.7
14	49,390	22,032	3.5	35	10,046	5,023	.1
16	30,105	14,227	8.5	38-B	29,004	14,502	.1

NEW HAMPSHIRE.

1	$16,736	$8,171	1.2	64	10,291	5,110	.8
2	19,728	8,956	1.3	65	16,575	8,288	1.2
4	15,832	7,863	2.3	66	10,957	5,416	1.0
5	15,854	7,476	2.3	67	7,463	3,664	.8
6	11,575	5,787	1.5	68	14,995	7,497	.8
7	19,537	9,769	2.4	69	9,074	4,499	.5
8	22,964	10,655	.7	70	12,654	6,172	.6
9	14,443	7,221	.9	71	16,549	8,271	1.1
12	13,821	6,179	1.8	72	15,211	7,587	1.1
13	16,249	7,903	1.6	73	14,216	7,080	.8
14	21,137	9,500	1.0	76	17,509	8,552	1.1
15	18,686	8,832	1.7	77	7,579	3,782	.5
16	36,066	17,169	2.3	78	12,978	5,948	1.4
17	20,352	10,176	1.3	79	7,669	3,834	1.1
18	9,674	4,535	.9	80	6,313	3,157	.1
19	10,106	4,564	.6	81	12,095	5,982	.1
20	24,089	10,244	1.4	82	9,540	4,718	.5
21	16,202	8,101	3.6	83	20,988	10,494	1.0
22	10,354	5,036	1.0	84	17,557	8,691	.1
23	31,018	14,979	2.1	85	4,248	2,003	.5
24	12,831	6,314	1.0	86	7,572	3,786	.7
25	8,584	3,932	1.1	87	10,503	5,087	.5
26	11,076	4,946	.9	88	26,102	12,569	1.5
27	30,157	15,001	1.5	89	18,920	8,937	.6
28	16,835	7,931	1.1	90	26,174	13,050	1.3
29	5,788	2,894	.5	91	12,002	6,001	.7
30	5,987	2,557	.4	93	12,292	6,005	.7
31	5,406	2,703	.5	94	12,355	6,028	.4
32	10,547	5,033	1.3	95	15,673	7,440	.7
33	19,108	9,467	3.1	96	7,602	3,745	.4
34	5,329	2,465	.5	97	20,890	9,859	.5
35	12,292	6,146	1.0	99	16,965	8,482	.9
36	12,017	6,008	1.1	100	16,478	8,047	.8
37	184,560	83,174	9.7	103	10,093	5,002	.3
38	13,538	6,723	1.0	104	10,107	4,997	.7
39	10,112	5,039	.7	105	14,046	7,023	1.1
40	11,017	5,002	.9	106	9,120	4,182	.4
42	12,717	6,350	1.0	107	15,326	7,415	.8
43	11,224	5,162	1.0	108	64,504	31,000	1.6
44	12,841	6,176	.3	109	15,642	7,507	.8
45	10,156	5,015	.8	110	25,436	12,497	1.2
46	13,576	6,424	1.0	113	6,189	2,976	.4
47	19,275	9,224	1.1	115	14,477	7,238	1.2
48	20,845	9,082	.2	116	18,477	9,187	.9
49	9,463	4,672	1.1	117	26,351	12,544	.9
50	19,683	9,842	1.3	118	9,393	4,696	.3
51	12,367	6,183	.9	119	14,892	7,418	.4
52	19,062	9,033	1.1	122	15,708	7,854	.1
54	23,169	10,568	2.0	124	16,724	8,362	1.2
55	10,205	4,953	.6	126	10,228	4,963	.6
56	10,622	5,294	.7	128	17,857	8,929	.6
57	12,964	6,426	.5	129	26,540	13,268	1.6
58	29,864	14,920	1.1	130	8,078	4,030	.5
59	19,459	9,498	.9	132	10,361	4,991	.3
60	20,576	10,167	1.3	133	6,388	3,194	.4
62	9,033	4,079	.7	135	24,477	12,239	1.0
63	7,588	3,704	.8				

Projects completed and final payment made—Continued.

NEW JERSEY.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1-A	$112,845	$23,240	2.6	11	$167,790	$75,841	4.4
1-B	151,172	31,151	3.7	12	419,182	197,400	9.9
1-C	23,414	4,822	3.4	13	441,125	144,960	7.2
2-A	135,141	50,800	3.0	14	102,416	44,349	3.7
2-B	187,321	69,000	3.0	15	87,964	38,400	2.3
4	158,036	59,715	2.9	15	65,049	30,929	1.3
5	128,349	57,918	3.9	18	95,923	32,960	1.6
6	199,108	89,805	5.9	24-A	88,428	28,300	1.4
8	68,591	30,925	2.0	28-A	165,788	51,420	2.6
9	115,189	52,002	3.6	28-B	160,192	47,520	2.4

NEW MEXICO.

1-A	$140,938	$70,184	9.7	16	$40,819	$19,759	5.4
1-B	129,748	64,874	14.4	19	55,463	27,732	11.7
3	99,108	49,518	9.3	20-B	50,076	24,922	5.1
5	108,134	53,588	21.8	26	307,322	153,661	9.6
8	54,480	27,149	6.5	36	45,032	22,516	5.9
11	47,621	23,738	5.4	43	23,684	11,813	16.0
12	162,108	81,054	16.7	46	10,502	5,163	5.6
14-B	42,010	21,004	8.3	47	131,240	65,620	15.2
15	289,409	144,699	11.7	49	46,914	23,457	11.6

NEW YORK.

1	$136,436	$68,218	4.6	44	$91,842	$45,921	2.7
2	67,709	33,855	2.6	48	62,986	31,493	1.8
3-B	215,973	107,986	5.9	49	32,656	16,328	1.0
4	127,332	63,666	4.3	52	157,409	55,093	3.5
7	72,808	36,404	3.5	53	109,244	38,235	3.3
8	94,775	47,388	3.2	54	198,615	99,307	6.0
9	32,303	16,027	1.1	58	128,513	64,257	3.6
14-A	206,046	103,023	6.2	61	176,853	61,898	5.2
14-B	45,485	22,743	1.4	63	160,014	56,005	4.5
17	179,435	89,718	5.0	68	105,243	52,621	2.8
19	93,578	46,789	2.8	93	169,992	59,497	4.8
22	183,583	64,254	4.1	97	105,564	36,947	3.2
24	110,969	50,097	3.3	100	97,168	48,584	2.9
27	255,268	127,634	7.1	111	33,779	16,890	1.0
30-A	172,121	86,060	4.6	139	27,743	13,872	2.3
37	72,585	25,405	2.6				

NORTH CAROLINA.

1	$59,005	$10,000	0.2	45	$355,809	$169,079	7.9
2	33,743	16,571	7.8	47	129,986	64,993	3.9
3	24,406	10,000	2.9	48-A	60,621	30,310	5.8
5	19,888	7,500	8.0	50	102,389	50,798	2.7
8	62,137	30,528	13.5	52	157,195	65,480	9.0
9	67,788	33,894	12.5	54	239,736	119,868	6.8
11	58,313	10,000	1.8	55-A	183,874	91,937	6.0
12	27,065	10,000	8.6	55-B	195,409	91,800	4.6
13	106,741	50,734	12.6	56	47,709	23,810	5.9
14	19,807	5,000	8.0	63	165,846	77,203	3.8
18	61,459	30,730	9.8	65	86,690	43,345	9.6
19	38,682	16,786	8.2	67-A	207,609	103,805	5.0
20	18,650	8,000	6.4	67-B	166,584	79,146	3.8
21	24,950	5,000	7.7	72-A	74,696	35,235	3.9
22-A	28,886	12,500	1.2	74-A	25,537	11,963	2.1
22-B	303,661	145,090	8.3	76	52,959	26,479	1.4
23	43,210	15,000	7.7	77	96,276	43,740	2.2
24	127,840	63,920	4.2	78-B	69,127	34,563	10.3
25	98,629	49,315	8.2	79	51,751	25,775	1.6
26	14,116	7,058	8.4	84-B	117,626	52,220	6.4
29	63,814	29,475	8.7	85	58,757	21,978	8.3
31	70,175	20,000	2.6	90	132,204	63,991	12.0
33	17,521	5,000	3.7	91	118,937	56,903	10.7
35	59,868	26,400	1.9	92	145,692	66,571	10.8
36	110,883	23,000	3.5	101-A	126,840	63,202	10.0
38	46,810	22,614	10.9	101-B	105,878	52,822	9.6
39	84,273	42,136	12.9	111	95,372	44,707	12.1
40	18,434	4,000	4.3	114	81,605	40,802	2.1
42	96,645	16,700	11.7	116	195,754	97,877	.2
43	99,015	44,000	2.2	121	117,868	58,057	11.6
44	59,124	25,689	4.6				

Projects completed and final payment made—Continued.

NORTH DAKOTA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$29,875	$7,528	16.3	36–A	$70,938	$33,801	14.3
2	36,116	17,971	15.0	36–D	75,688	37,844	18.8
3	104,180	52,090	30.5	37–B	44,472	21,475	8.0
4	22,560	9,599	20.0	43	57.878	26,745	10.1
7	24,073	11,954	9.2	44	38,422	18,924	4.5
10	13,431	6,715	5.0	45	70,152	28,156	11.1
12–E	10,293	4,820	.6	50	24,936	12,181	4.0
13	18,950	7,357	7.9	52	64,903	18,894	.9
14	32.873	16,437	18.9	56–C	91,599	45,061	11.2
23	11,808	4,738	10.0	56–F	52,981	26,490	14.4
24	124,417	62,209	25.9	64	6,107	1,929	.1
25	38,631	19,315	5.6	65	10,076	5,022	.2
30	35.988	17,772	10.5	99	10,747	5,374	2.5
32	31,334	15,446	.3	102	22,161	10,020	3.5
33	78,003	39,001	18.1	105	42,715	21,358	.1
34	67,331	33,654	14.4				

OHIO.

1	$485,918	$136,300	13.6	58	$100,977	$35,000	3.5
2	74,304	37,000	4.5	59	189,165	86,900	8.7
3	88,473	37,293	3.7	59–C	96,296	41,100	4.1
4	280,692	77,150	7.7	61	153,365	69,000	4.1
5	198,297	54,330	5.4	62	84,795	40,000	2.6
7	45,101	15,400	1.5	63	160,009	54,400	2.7
8	168,367	33,333	4.0	64	359,102	119,800	6.0
9	59,197	16,667	2.0	65	288,684	90,000	6.0
10	145,885	50,000	5.0	66	54,739	27,370	2.0
11	489,137	150,500	11.9	67–C	37,422	18,450	1.3
12	206,298	50,000	6.7	67–E	96,422	48,211	3.2
13	68,257	21,675	2.1	67–F	119,635	52,100	3.1
14	71,632	19,295	2.7	67–G	115,726	56,030	3.7
16	132 829	49,300	4.9	71	153,474	45,000	4.6
17	114,905	44,600	4.5	72–C	122,147	45,000	4.5
18	138,207	27,120	7.4	73	171,162	45,000	4.3
19–A	215,085	51,600	4.0	78	95,000	15,000	2.2
19–B	186,244	49,500	3.8	79	212,697	106,348	6.2
19–C	177,299	46,400	3.6	81	92,222	46,111	4.1
19–D	131,268	32,000	2.7	83	159,499	79,749	9.7
19–E	128,003	33,500	2.6	86	77,443	38,721	2.0
23–A	237,315	81,580	4.8	87	206,963	50,700	5.1
23–B	158,363	54,220	3.2	89	79,792	25,000	2.4
24–A	148,501	59,200	5.9	90	51,135	20,000	2.5
24–B	48,418	24,209	2.5	91	134,423	37,700	6.7
26	239,926	107,500	10.8	92	89,060	44,530	2.4
27	378,063	132,400	6.6	94	93,093	46,547	4.4
29	258,397	69,000	6.6	95	151,496	36,000	3.0
30	194,575	62,000	6.2	96	77,346	38,673	2.0
31	254,075	83,800	8.2	102	78,735	20,300	2.0
32	$112,254	$48,500	2.7	103	77,303	25,000	2.2
33	46,505	17,264	3.9	105	90,511	45,256	3.5
33	65,705	22,736	5.3	115	91,675	40,000	2.8
34	125,962	47,000	3.1	117	257,553	80,000	4.1
35	251,519	84,700	8.5	118	173,166	20,000	3.4
36	79,752	35,600	3.0	128	62,229	20,000	1.6
37	192,907	50,000	5.1	130	92,131	38,000	3.0
38	177,643	88,821	6.5	132	70,785	26,250	1.7
39	268,723	70,500	7.8	135	98,059	32,000	2.6
40	132,215	66,107	4.7	136	72,052	35,000	2.5
41–A	31,388	11,500	1.2	137	427,595	106,000	6.5
41–B	109,762	35,200	3.5	138	153,837	70,000	4.8
41–C	74,624	22,100	2.2	139	159,117	43,400	2.6
41–D	113,194	11,200	3.0	140	138,186	57,900	3.1
42	165,916	42,800	4.3	141	129,371	21,000	2.3
43	225,627	71,500	7.2	154	102,336	39,320	3.5
44	115,815	50,000	2.7	156	245,264	27,000	5.0
45	47,634	6,500	1.2	170	72,301	20,000	2.0
46	179,368	36,000	3.8	173	93,960	33,500	2.0
47	195,319	90,000	6.1	177	129,708	64,854	3.9
50	149,576	54,000	4.1	178	79,827	39,914	2.3
51	335,365	86,400	5.8	179	66,541	33,270	1.8
52	48,987	17,000	1.3	180	96,072	35,880	1.8
53	161,936	61,500	5.7	185	27,641	13,821	0.9
54	52,458	16,000	1.7	188	89,229	25,000	1.4
55	98,240	20,000	3.6	190	302,018	150,000	10.0
56	96,580	45,000	3.0	192	100,696	21,000	2.3
56	92,437	25,000	3.1	201	80,054	37,000	1.9
57	93,855	35,000	3.1				

Projects completed and final payment made—Continued.

OKLAHOMA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
3	$8,832	$4,050	0.4	18	$523,237	$256,659	29.5
3	9,926	4,650	.6	22	73,416	36,708	6.0
3	12,550	5,850	.6	23	75,835	37,800	4.9
3	12,702	5,850	.6	24	371,051	162,186	7.2
4	71,967	35,984	2.7	25	75,880	34,600	1.7
7	80,363	38,195	2.5	25-A	131,495	24,318	1.2
8	331,726	164,157	15.6	27	67,373	33,687	1.7
11	170,263	85,132	.2	34	29,809	14,469	2.4
13	15,592	7,796	.1	36	41,222	20,283	1.6
16	160,713	80,356	.1	37	18,843	9,421	.9
16	21,428	9,644	.7	50	93,949	46,174	5.2

OREGON.

4	$147,723	$66,558	9.5	29	$464,036	$191,859	14.2
5	43,221	20,576	9.6	30	185,534	80,304	13.9
6	841,349	364,068	49.3	31	162,028	80,194	14.7
7	413,584	205,729	18.0	32	135,530	64,853	11.1
8	33,472	15,000	6.0	35	47,407	16,800	5.6
9	77,205	22,528	4.7	35	791,001	283,900	9.8
10	145,146	57,269	18.8	36	126,364	47,308	7.8
11	109,991	48,941	4.4	37	466,959	195,494	12.5
12	44,196	19,468	2.8	38	119,905	53,963	7.5
13	106,178	53,089	7.2	39	170,546	83,621	17.4
14	40,414	20,036	2.1	40	134,156	61,785	8.4
15	220,657	107,947	16.7	41	187,438	79,364	6.9
16	46,738	23,369	2.0	42	131,120	64,900	21.9
17	103,032	51,391	9.3	43	173,646	85,577	15.2
19	111,123	55,561	4.2	44	51,887	25,520	9.2
22	359,807	169,741	.3	46	28,661	14,331	.9
23	8,054	4,027	1.8	47	424,971	209,343	14.4
24	388,603	190,085	15.0	48	149,298	73,019	10.5
25	396,396	177,845	14.8	49	243,010	114,100	5.7
26	149,031	72,158	9.0	51	349,457	153,520	7.7
27	305,395	152,698	10.9	52	215,580	91,399	5.8
28	68,752	34,376	9.1	53	117,687	29,342	3.6

PENNSYLVANIA.

1	$109,199	$53,500	2.7	21	$247,239	$119,885	6.6
2-A	124,165	44,000	1.6	22	141,337	70,668	4.5
2-A	51,647	19,833	1.6	24-A	194,154	94,250	4.7
2-B	61,139	18,500	1.2	25	192,918	96,459	5.7
2-B	156,643	47,267	2.1	26	282,490	112,400	5.6
3	261,607	124,680	6.2	27	470,621	164,400	8.2
4	142,666	71,333	4.2	28	158,743	79,371	4.5
5	221,642	107,593	7.5	29	206,220	103,110	5.6
6	110,010	55,005	3.0	30-A	289,679	120,000	6.0
7	217,762	99,600	5.0	30-B	129,336	51,760	2.6
8-A	76,864	26,040	2.6	31	49,166	23,900	1.3
8-B	92,566	45,688	2.9	31	192,823	93,570	4.8
8-C	159,294	79,647	4.9	32	152,268	76,134	4.1
8-D	98,919	49,419	2.9	33-B	113,397	40,000	2.0
8-E	55,345	27,672	1.7	33-C	219,303	63,920	3.2
8-F	226,233	113,117	5.2	34	411,984	153,362	7.4
8-G	266,008	107,080	3.6	35	220,733	99,520	5.0
8-H	146,146	69,760	3.5	36	112,682	51,600	2.6
9	117,862	58,931	3.7	38	125,168	60,761	3.1
10	136,832	45,800	2.3	39	28,249	11,940	.8
11	226,437	113,218	7.0	39	272,304	116,000	5.6
12	311,987	109,000	5.5	41	119,086	59,543	3.4
13	192,378	82,000	4.1	42	84,399	42,199	2.6
15-A	53,061	20,120	1.0	43	222,481	103,960	5.2
15-B	447,438	106,680	5.3	46	259,427	125,935	7.1
17-A	189,880	92,427	7.5	48	245,612	99,920	5.0
17-C	324,602	153,877	13.2	49	187,364	93,682	4.7
18	43,572	18,750	1.0	50	163,166	81,582	4.1
18	210,393	90,303	4.0	51	241,783	117,337	6.0
20-A	179,269	89,635	5.2	52	205,943	96,200	4.8
20-B	10,443	5,150	.2	54	110,165	55,083	2.8
20-B	279,165	139,654	7.5	56	127,360	46,600	2.3
20-C	30,133	15,068	.6	57	137,653	48,960	2.4
20-C	146,077	73,038	4.0	58	241,790	74,360	3.5
20-D	556,016	194,640	9.7	58	65,957	20,200	1.2

Projects completed and final payment made—Continued.

PENNSYLVANIA—Continued.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
59	$33,148	$15,000	.7	83	$291,327	$98,300	4.9
59	216,563	99,100	5.0	86	55,322	18,920	.9
60	460,885	148,701	7.2	87	117,851	29,874	1.5
61	297,596	123,909	6.1	88	190,014	53,760	2.7
62	42,461	17,000	.9	89	272,686	82,060	4.1
62	120,865	48,440	2.4	90	172,327	52,220	2.6
63	235,223	114,186	5.7	91	328,948	108,240	5.4
64	276,363	106,300	5.3	92	195,050	56,760	2.8
68	304,252	121,040	6.1	94	189,116	61,060	3.1
69	264,068	97,560	4.9	95	431,375	110,740	5.5
71	307,228	108,460	5.4	98	147,429	43,080	2.2
73	433,704	166,700	8.3	99	206,349	60,080	3.0
76	599,914	183,580	9.2	107	196,575	72,200	3.6
77	541,883	145,600	7.9	108	452,904	150,980	7.5
79	305,055	113,100	5.7	109	10,425	3,360	.4
80	208,322	68,560	3.4	109	272,429	87,700	4.1
82	548,668	169,000	8.5				

RHODE ISLAND.

1	$75,900	$37,950	3.6	7	$104,633	$51,200	2.6
2	67,313	32,999	2.0	8	251,249	88,000	4.4
3	34,114	17,057	1.2	9	112,119	45,800	2.3
4	143,597	64,195	5.0	10	124,162	40,600	2.0
5	28,612	13,880	.9	11	202,934	100,000	5.0
6	139,822	58,400	2.9				

SOUTH CAROLINA.

1	$46,823	$23,411	2.1	47	$220,152	$84,901	6.0
2-A	63,264	28,400	2.8	48	151,532	75,766	16.8
2-B	63,704	29,305	12.1	53	78,925	39,463	.1
3	21,568	10,784	1.0	55-A	69,684	34,800	1.8
3	4,180	2,090	4.0	55-B	39,131	19,608	8.1
4	37,643	18,379	3.0	61	134,964	67,419	19.7
5	23,348	11,674	2.1	64	43,497	15,000	4.9
6-A	106,559	47,497	3.5	65	32,272	16,136	4.2
7	122,967	61,484	20.6	66	143,553	71,777	15.1
8	38,162	17,512	12.2	70-C	15,671	7,781	4.3
9	27,163	13,547	5.6	71	34,832	14,000	6.5
10-A	123,286	56,811	15.4	73	65,372	32,686	12.5
11-A	73,147	30,217	9.5	80	145,690	72,845	11.0
13	76,407	35,001	.1	81	152,562	76,281	4.0
15	32,729	16,365	.1	82	106,443	53,221	16.8
17	25,754	12,646	.2	83-A	9,906	4,953	1.4
18	35,214	15,511	7.3	84	78,771	39,385	14.2
20-B	73,696	33,075	9.1	88	41,915	20,957	9.0
21	83,793	41,896	8.4	90-A	30,206	14,312	5.4
22	490	245	.2	92	27,212	7,414	5.3
22	144,698	71,500	3.8	94	19,613	4,200	3.9
23	50,034	25,017	3.0	98	105,259	37,876	1.9
24	49,384	24,692	1.8	100	32,940	14,828	3.7
25	151,966	75,983	24.0	103	37,737	13,969	3.8
27	27,486	13,743	3.7	104	45,989	13,380	.7
28-C	114,964	57,482	13.9	109	18,951	9,476	5.4
29-A	117,361	50,075	14.3	114	9,878	4,939	.9
30	62,676	31,338	5.7	118	9,893	4,946	.1
31	54,866	27,433	2.0	128	40,688	20,344	1.4
33	35,762	17,193	.1	129	31,604	15,802	1.0
38-A	49,881	24,356	7.2	132	11,089	5,280	.3
46	26,985	11,849	2.1	134	5,512	2,756	2.4

SOUTH DAKOTA.

1	$90,741	$44,484	11.2	29	$61,974	$30,658	9.1
2	75,371	33,928	10.0	31	95,757	47,878	8.5
4	13,085	5,938	3.0	33	126,895	62,711	11.5
8	43,871	21,333	11.8	37	56,039	28,020	12.9
10	153,421	74,270	16.5	48	46,581	23,290	3.7
17	141,368	70,460	12.4	49-A	52,880	26,440	2.1
19	58,566	29,283	7.0	51	104,948	51,636	15.7
20-A	80,915	40,457	9.0	54	80,765	40,383	6.0
23-A	29,006	13,881	.1	68	43,161	21,530	4.3
27-A	37,838	18,425	.1	76	29,225	14,613	1

Projects completed and final payment made—Continued.

TENNESSEE.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
4	$232,784	$116,392	12.3	32	$285,289	$134,368	7.7
13	34,649	17,074	2.8	33	176,812	88,406	5.7
15	37,350	18,675	.1	43	281,755	137,830	7.4
30	192,993	74,153	5.2				

TEXAS.

2	$82,691	$30,500	20.1	83	$90,656	$22,500	10.8
4	85,304	35,912	6.0	85	115,849	55,500	10.0
5	40,894	17,556	17.9	86-B	89,026	44,513	8.1
7	37,836	18,918	7.5	89	66,544	22,000	9.8
8	58,366	27,745	25.1	90	102,972	40,030	19.9
9	31,304	13,860	6.4	91	15,078	4,950	3.0
10-A	109,433	50,000	19.1	92	182,053	86,421	27.5
10-C	64,450	25,503	19.1	93-A	206,242	90,112	4.6
12	19,631	9,411	3.5	94	19,183	9,592	4.3
17	130,560	20,000	24.9	96	75,211	37,034	8.7
18	37,658	16,692	1.1	97	41,872	14,350	1.6
18	49,805	22,000	11.4	97	82,859	28,403	8.7
21	132,336	62,457	14.6	101	123,708	60,948	14.8
22	31,045	10,200	3.0	103	54,189	26,893	9.1
24	50,445	19,720	2.0	107	77,329	38,665	.1
26	95,450	34,059	7.3	108	44,594	20,957	5.8
28	75,572	37,786	10.7	110	51,295	20,200	1.0
28-B [1]	38,054	18,892	.....	111	131,772	65,886	21.5
29	44,987	12,844	4.9	112	76,614	35,802	7.2
30	88,980	30,000	14.7	115	157,884	78,942	8.7
31	109,433	54,717	14.5	118	150,771	36,143	17.5
31	38,265	19,132	3.7	120-A	57,926	27,487	4.9
32	118,446	34,412	3.2	120-B	100,071	40,297	7.7
33	28,096	13,933	3.7	121	99,291	33,333	7.4
34	38,311	15,345	6.6	128-A	50,115	19,475	7.5
38	313,409	119,185	9.5	128-B	104,185	52,093	11.8
39	373,648	95,124	9.1	128-C	41,183	20,591	3.9
43	304,760	16,000	5.9	129	71,729	34,335	8.7
45	20,823	10,412	15.6	131	189,204	81,079	15.8
46-B	72,715	32,320	10.0	140-A	22,416	10,000	.1
48	145,534	59,901	52.0	143	164,419	69,674	8.0
51	143,072	43,494	20.3	144	299,058	58,444	18.6
53-A	110,897	55,041	3.0	148-B	78,152	18,200	11.6
53-B	144,627	72,314	4.0	149-B	504,617	200,000	10.3
53-C	65,496	32,512	1.9	150	73,596	35,000	.3
56-A	87,963	43,982	2.5	153	274,984	111,500	22.3
56-B	84,272	41,937	2.4	154	22,562	10,270	2.3
57	92,839	46,353	2.6	156	43,103	21,000	5.2
59	36,251	18,125	10.3	157	134,870	30,000	1.6
60	35,436	11,800	17.7	158	122,319	40,000	13.4
61	180,119	88,241	4.7	159	451,942	200,000	31.5
63	52,412	26,206	7.1	163	59,844	23,845	10.1
65	59,866	29,895	15.3	166	294,547	142,867	13.5
66	111,070	55,535	19.8	168	199,553	99,776	18.0
67	68,807	31,741	28.0	169	39,843	19,118	7.6
68	253,923	79,473	27.7	172	158,504	79,249	4.9
69	100,287	50,093	10.0	174	35,662	17,831	17.0
70	125,391	44,000	17.1	176	40,570	20,124	5.8
73	78,901	38,905	3.3	177	57,720	24,200	13.4
74	17,340	5,715	3.9	177	13,787	5,800	3.7
75	15,901	5,979	1.1	184	13,234	6,028	.8
76	23,603	11,772	5.5	191-C	36,836	16,771	5.7
77	47,261	23,505	11.6	199-A	78,289	38,849	.1
79	11,658	5,376	2.8	201-A	90,014	40,505	9.7
80	46,030	12,500	1.7	204	298,608	125,000	1.7
80	3,926	1,000	3.0	208	97,517	47,319	10.7
80	42,120	11,500	4.6	217	61,030	26,502	5.1
81	44,080	20,000	2.8	220	39,146	15,000	2.7
82	142,180	30,000	16.2	223	14,431	5,008	1.5

UTAH.

2	$67,846	$30,670	9.3	30-A	$305,990	$150,815	7.3
4-B	15,539	7,770	.4	32	76,739	36,869	2.3
14	18,199	8,080	.4	35	48,090	24,045	1.8
19-C	16,502	8,251	.1				

[1] Reopened for surfacing.

Projects completed and final payment made—Continued.

VERMONT.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$25,290	$11,471	0.9	9	$51,142	$25,571	2.9
2	10,673	5,096	.8	11	45,506	22,753	1.4
3	34,248	14,388	.7	15	123,150	61,575	4.0
4	18,530	9,265	1.4	16	40,323	20,067	1.3
6	45,458	22,317	2.4	17	19,035	9,518	.1
7	24,491	10,615	1.7	22	41,097	20,549	2.0
8	15,137	7,569	1.2	25	46,422	23,211	1.2

VIRGINIA.

1	$22,379	$11,221	2.1	37	$139,920	$69,893	6.6
1	6,062	2,000	2.3	39	65,695	30,183	6.3
2	63,270	28,509	3.5	40	41,888	20,944	1.6
4	18,824	9,406	8.0	42	27,831	13,916	5.7
6	32,456	16,218	3.6	45	67,425	32,959	4.5
9	70,897	34,509	3.1	47–A	22,276	11,073	3.7
10	63,732	31,866	2.5	47–B	20,648	9,818	5.1
11	38,192	19,096	2.2	47–C	8,002	3,830	1.6
12	67,915	33,157	10.1	47–D	53,252	25,102	7.9
16	71,865	34,311	5.4	49	12,958	5,785	.3
17	32,858	16,429	.1	50	46,400	23,028	2.1
18	68,491	32,748	13.2	53	61,600	30,800	3.1
20–A	149,775	74,887	4.1	54	41,202	20,601	2.1
20–B	93,769	46,885	4.3	57	49,582	24,791	4.1
21	95,076	44,167	5.4	59–A	160,055	80,028	4.5
22	27,908	12,611	4.7	61–A	69,616	34,057	2.2
26	32,302	15,798	4.1	62	22,450	11,225	.7
29	77,839	38,919	2.8	75–A	24,228	12,026	3.4
30	30,130	15,065	2.3	83	93,503	42,938	3.1
31	47,462	23,731	1.6	103	74,242	34,080	1.7
33	45,002	19,054	2.7	106	60,005	19,600	1.0
34	122,338	61,169	4.6	112	83,442	39,879	2.8
35	64,328	32,164	4.3	117–A	16,448	8,224	.5
36	87,839	43,920	3.4				

WASHINGTON.

1	$66,884	$30,865	3.5	41	$270,019	$106,950	3.8
2	81,263	40,352	9.9	42	137,299	67,780	4.2
3	33,204	16,571	5.9	43	103,065	42,325	2.8
4	83,978	35,000	3.6	44	159,971	77,500	4.0
5	121,560	58,721	5.2	46	210,212	105,000	10.5
6	47,984	20,000	3.4	47	115,378	56,200	6.6
7	69,953	34,977	8.3	48	19,490	9,745	1.2
8	144,714	63,750	13.8	49	138,412	69,071	4.8
9	50,325	18,750	5.3	50	137,524	68,749	4.1
11	138,074	69,036	.4	52	114,236	57,118	7.7
12	98,100	35,000	3.5	53	82,593	41,296	6.0
13	34,156	13,790	1.1	54	59,031	29,515	3.6
14	54,495	27,248	7.8	55	258,578	125,000	6.2
15	54,693	27,347	9.2	57	68,413	34,207	2.0
16	154,972	77,486	13.0	58	28,903	13,500	2.0
17	112,341	54,000	2.7	59	20,008	10,000	.1
18	63,695	30,546	5.6	60	101,817	50,896	3.1
20	90,590	45,295	7.8	61	46,812	21,989	1.2
21	44,789	22,395	4.9	62	228,297	82,700	5.8
22	136,348	68,149	4.5	63	55,147	27,000	6.5
23	125,541	62,770	3.9	64	38,587	18,916	1.0
24	197,780	97,856	6.4	65	37,038	17,800	2.0
25	204,873	46,600	6.8	66	217,483	108,741	7.4
26	86,548	43,274	2.9	67	134,024	65,625	5.5
27	238,697	119,348	6.7	68	53,254	26,627	3.3
28	33,314	16,657	1.1	69	59,095	29,548	1.7
30	289,707	144,644	7.7	70	72,250	34,000	4.0
31	35,087	17,538	.2	71	37,598	18,799	8.6
32	286,553	142,976	6.7	72	63,492	31,746	1.7
33	165,153	82,576	4.3	73	279,814	134,476	7.7
34	222,754	111,377	6.6	74	11,967	5,400	.3
35	316,723	158,361	21.3	75	28,444	13,500	4.1
36	104,295	52,115	3.3	79	48,213	24,107	2.0
37	23,106	10,855	2.8	80	23,014	11,393	1.6
38	106,867	52,739	2.9	81	51,320	3,400	.2
39	158,463	79,181	5.0	82	45,204	22,602	1.3
40	141,688	70,844	3.8	86	35,581	15,000	.9
41	14,894	6,050	2.5				

Projects completed and final payment made—Continued.

WEST VIRGINIA.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
1	$33,158	$9,246	2.5	54	$30,829	$15,384	2.0
2	48,485	16,000	2.0	56	14,838	6,500	.3
3-A	31,355	14,972	4.2	57	25,317	9,400	.5
3-B	34,680	16,418	2.1	59	34,700	17,350	1.0
5	48,004	18,000	2.5	61-A	39,364	19,000	1.8
6	14,102	6,381	.8	63	42,000	21,000	1.4
7	21,817	8,645	1.3	64	78,867	38,695	5.6
8	90,609	30,000	1.9	67	110,647	55,323	7.0
9	32,092	15,963	1.0	68	17,919	8,959	2.0
10	113,391	55,000	4.2	70	57,926	28,920	8.4
15	35,066	16,978	1.0	70	2,066	1,030	.2
16	49,416	24,600	3.2	75-A	53,884	22,708	3.3
19	10,917	5,458	.6	75-B	19,435	8,575	1.2
21	21,321	10,270	.7	76	13,433	6,213	1.0
23	91,712	44,280	3.0	77	142,428	67,271	13.2
24	38,249	18,000	3.9	79-C	111,194	47,399	6.7
26	49,390	24,695	2.4	79-C	21,762	9,200	1.3
31	54,180	25,000	1.3	80	22,457	9,680	.5
36	128,352	45,845	3.1	81	83,530	31,040	2.0
38	88,968	44,000	5.9	83	123,409	40,000	2.0
40	36,013	18,000	2.0	88	62,671	25,770	2.6
41	102,000	51,000	3.0	94	69,774	33,480	5.2
46	36,090	18,000	1.1	105	32,281	14,350	1.0
49	54,149	25,165	1.4	106	23,710	8,683	.8
51	74,977	34,470	3.2	111	46,695	22,720	3.0
53	67,814	27,126	2.5				

WISCONSIN.

1	$58,828	$17,772	3.2	54	$33,146	$16,149	5.8
2	51,289	14,510	1.2	55	52,065	16,950	8.7
3	31,071	9,432	1.5	56	25,559	8,085	4.4
4	35,492	11,904	7.3	57	58,761	19,498	7.7
5	27,887	10,225	6.6	58	91,078	29,803	3.8
6	17,179	4,774	3.0	59	63,861	24,000	1.6
7	27,459	10,030	1.3	60	7,111	3,000	.4
8	80,724	25,254	3.4	60	42,909	14,124	4.5
9	8,702	2,998	1.5	60[2]	73,710	25,105	.....
10	44,127	14,748	1.9	61	26,410	9,000	.8
11	59,300	17,635	2.2	62	71,822	24,795	2.9
12	52,031	22,000	2.7	63	55,002	17,599	2.7
15	67,576	30,000	7.7	64	18,361	4,429	1.1
16	31,118	8,386	2.3	65	5,683	1,718	.3
17	216,360	91,998	8.8	66	54,799	18,834	2.5
18	8,497	2,818	2.0	67	35,826	10,149	2.8
19	19,878	6,889	6.9	68	22,177	8,314	4.6
19	4,375	2,187	1.3	69	71,607	24,991	3.2
20	35,530	13,028	6.2	70	197,894	69,000	5.5
21	97,918	26,998	3.8	71	40,025	13,617	4.9
23	27,376	9,793	4.1	72	138,516	56,000	3.5
25	16,830	5,980	4.1	73	38,978	15,000	4.5
26	59,990	20,728	2.8	74	18,363	6,580	3.2
27	23,661	9,500	6.3	75	13,545	5,060	3.5
28	109,253	50,269	3.3	75	5,520	2,085	2.6
29	38,525	12,976	9.0	77	21,353	7,380	4.0
30	25,921	9,292	1.4	79	26,089	8,594	1.3
32	80,958	24,907	3.5	80	293,827	90,910	6.8
33	108,128	35,700	4.4	81	63,080	25,797	4.7
34	31,461	7,995	8.2	82	78,791	39,000	3.3
35	49,619	16,472	4.7	83	37,194	8,005	2.6
36	22,155	7,158	.8	85	20,473	8,555	4.4
37	32,997	12,092	6.0	86	25,784	9,700	1.1
38	51,692	17,863	8.1	86	6,078	2,300	.2
39	42,290	14,000	.9	87	62,085	16,929	3.5
40	28,143	9,984	1.1	88	34,716	9,819	4.3
41	3,193	949	.2	90	36,215	8,666	4.5
41	24,599	7,650	2.0	91	54,269	20,006	6.0
42	126,099	36,400	5.3	92	124,659	40,873	5.1
43	19,700	5,707	3.3	93	24,562	8,312	4.1
44	29,801	10,211	11.9	94	110,297	39,466	4.2
45	42,120	14,552	7.9	95	92,694	40,549	1.0
46	42,787	17,254	10.2	96	163,393	53,281	6.0
47	40,876	11,663	2.9	97	66,833	30,789	6.1
48	49,412	14,980	11.1	97	6,660	3,080	.6
50	38,228	11,800	1.7	98	6,006	1,795	.6
53	62,192	25,000	13.5	99	70,864	24,024	7.0

[2] Paving only on mileage previously completed as graded and drained road.

Projects completed and final payment made—Continued.

WISCONSIN—Continued.

Project No.	Total cost.	Federal aid.	Miles.	Project No.	Total cost.	Federal aid.	Miles.
101	$49,571	$14,931	4.3	160	$84,980	$21,472	2.2
102	63,250	20,041	2.3	161	27,808	10,087	.9
103	46,231	14,816	1.5	162	124,549	47,732	3.0
104	94,043	30,749	2.5	163	45,144	16,225	3.0
105	38,115	16,481	3.8	165	67,773	25,000	9.5
107	31,207	14,001	.9	166	52,882	24,709	7.7
108	43,840	16,556	1.6	167	47,211	17,302	5.5
109	202,103	85,000	5.0	169	213,919	74,049	5.1
110	95,390	31,000	3.0	171	26,087	10,427	.1
111	76,705	36,253	1.9	172	48,570	23,000	3.5
114	52,131	15,000	4.6	173	8,175	3,301	1.0
115	219,698	74,261	4.7	177	52,359	24,000	3.6
116	185,254	69,636	6.3	178	39,133	14,110	6.0
117	78,432	31,858	6.2	179	277,922	91,716	5.9
118	17,760	7,000	1.4	183	13,279	5,500	2.1
122	76,768	35,515	7.6	191	22,168	8,000	.5
123	128,363	44,650	3.9	193	38,134	16,000	6.9
124	42,035	19,061	2.4	194	26,603	10,000	2.0
126	131,157	45,000	3.3	197	46,671	17,000	3.3
127	138,702	69,351	4.1	199	36,188	16,500	5.4
128	95,478	30,000	2.1	203	15,797	7,200	2.4
129	59,428	29,182	7.8	212	33,665	16,000	5.5
131	42,259	15,336	4.5	217	38,412	17,400	.8
132	48,052	18,250	6.0	217	5,720	2,600	.2
133	16,511	7,000	2.3	218	25,661	11,000	1.9
134	40,553	16,494	5.3	219	15,722	6,000	2.4
139	92,368	31,474	2.9	220	81,921	32,000	5.1
143	151,568	54,056	4.8	227	27,173	10,000	1.6
144	40,118	20,000	3.6	228	19,979	8,467	3.1
145	29,622	12,000	3.7	231	28,717	13,000	2.8
146	52,801	19,000	5.7	232	89,379	43,694	2.3
147	48,073	18,891	5.6	233	11,866	3,500	2.1
148	44,494	21,000	4.4	236	121,711	53,326	4.2
150	271,944	93,212	6.5	238	168,257	65,315	4.5
151	52,307	23,000	7.1	255	117,340	50,109	3.7
153	17,026	5,800	.4	247	62,400	25,000	6.6
154	231,294	86,393	6.0	252	73,915	30,116	2.0
157	22,169	8,434	.6	253	46,583	22,000	6.5
158	35,680	17,000	5.2	258	14,646	6,000	3.1
159	71,422	20,750	1.7	261	58,396	24,000	2.0

WYOMING.

2	$11,909	$5,161	10.4	45	$27,230	$13,615	2.7
4	11,123	5,561	6.6	47	14,481	6,856	.1
5	27,108	13,554	14.0	53	37,449	18,198	1.0
10	6,865	2,767	1.2	54	48,241	24,121	6.3
12	65,264	21,200	4.1	56	62,339	31,169	7.2
17	56,022	22,659	3.8	57	99,608	49,382	4.3
19	122,348	56,000	5.0	59–A	47,910	21,054	9.2
19	27,107	8,675	4.8	60	14,308	7,154	2.4
19	87,081	45,000	29.3	63	50,961	25,481	6.1
21	20,301	10,002	6.6	68	54,179	27,067	4.3
23	23,078	11,334	11.3	71	24,459	12,208	3.1
28	60,430	25,787	4.2	72	5,180	2,481	.6
29	145,140	67,275	26.6	73	86,174	43,086	9.5
31	177,651	74,128	1.2	76	37,124	18,562	5.0
32	43,847	21,924	.1	77	21,079	10,289	.1
34	162,646	65,841	17.5	78	99,921	46,688	9.2
35	89,456	44,728	12.7	84	69,727	34,863	7.0
36	28,661	14,330	14.9	87	55,706	25,964	4.1
37–A	60,610	30,188	9.2	93	6,531	3,051	.1
38	34,647	17,041	3.4	94	15,350	7,374	.3
39	72,114	34,975	8.2	97	19,567	8,158	1.8
40	26,809	12,991	11.9	98	36,755	17,742	4.2
43	44,294	21,825	8.0	101	56,044	25,280	1.3
44	65,342	31,301	12.2				

Federal aid projects completed and payment made arranged by major types of construction, June 30, 1922.

Geographic divisions and States.	10. Graded and drained.			20. Sand clay.		
	Total cost.	Federal aid.	Miles.	Total cost.	Federal aid.	Miles.
Total for all States	$20,136,595.52	$8,380,620.47	2,195.6	$12,121,566.26	$5,553,687.31	1,638.5
East North Central	4,389,947.75	1,284,611.31	268.6	442,572.74	167,416.84	70.5
Illinois	3,251,320.78	877,880.78	132.0			
Wisconsin	1,138,626.97	406,730.53	136.6	442,572.74	167,416.84	70.5
West North Central	4,271,401.07	1,804,567.68	796.3	52,434.99	26,217.49	8.3
Minnesota	632,696.93	271,533.42	52.1			
Iowa	1,511,197.91	527,110.91	240.0			
Missouri	139,953.42	69,855.86	32.7			
North Dakota	1,098,563.02	524,455.19	289.4	13,430.75	6,715.37	5.0
South Dakota	366,538.52	181,828.47	55.3			
Nebraska	445,159.91	198,278.17	119.4	39,004.24	19,502 12	3.3
Kansas	77,291.36	31,505.66	7.3			
South Atlantic	1,583,889.67	754,070.60	134.4	8,942,241.54	4,093,952.50	1,151.0
Maryland	42,768.57	21,162.44	2.7			
Virginia				472,497.31	226,828.00	74.1
West Virginia	645,765.13	294,461.50	48.7	13,433.10	6,213.00	1.0
North Carolina	277,043.37	133,906.79	32.2	2,101,244.20	933,246.77	253.0
South Carolina				2,226,986.31	1,052,773.21	319.8
Georgia	618,312.60	304,539.87	50.8	4,058,614.31	1,845,190.89	487.5
Florida				69,466.31	29,700.63	15.6
East South Central	1,609,539.57	779,775.92	162.3	924,773.01	458,878.57	194.9
Kentucky	1,058,739.95	505,865.43	77.3			
Alabama	46,827.25	23,413.62	3.2	924,773.01	458,878.57	194.9
Mississippi	503,972.37	250,496.87	81.8			
West South Central	500,393.55	205,490.34	118.8	242,568.01	93,719.47	29.4
Louisiana	25,626.96	11,332.40	7.3			
Oklahoma				41,222.46	20,282.73	1.6
Texas	474,766.59	194,157.94	111.5	201,345.55	73,436.74	27.8
Mountain	4,600,612.35	2,151,881.27	528.9	1,516,975.97	713,502.44	184.3
Montana	963,192.33	480,136.09	131.8			
Idaho	1,633,671.80	749,487.65	106.1	193,272.34	96,636.17	18.6
Wyoming	337,544.09	162,934.56	103.5	1,049,559.22	486,592.20	124.4
Colorado	831,626.64	364,186.76	95.0	224,068.87	105,352.49	36.2
New Mexico	65,694.01	32,816.48	24.2	50,075.54	24,921.58	5.1
Arizona	386,333.87	186,974.42	36.7			
Utah	15,539.48	7,769.74	.4			
Nevada	367,010.13	167,575.57	31.2			
Pacific	3,180,811.56	1,400,223.35	186.4			
Washington	626,383.45	279,284.40	24.4			
Oregon	1,619,265.56	704,678.91	96.7			
California	935,162.55	416,260.04	65.3			
Percentage of total	8.4	8.2	16.4	5.0	5.4	12.3
Average cost per mile	$9,170	$3,820		$7,400	$3,390	

Federal aid projects completed and payment made arranged by major types of construction, June 30, 1922—Continued.

Geographic divisions and States.	30. Gravel.			40-46. Water-bound macadam.		
	Total cost.	Federal aid.	Miles.	Total cost.	Federal aid.	Miles.
Total for all States	$47,205,470.02	$21,005,497.08	5,044.3	$4,979,130.29	$2,162,143.99	357.8
New England	1,566,714.84	751,163.19	99.8	225,174.51	107,892.35	18.0
Maine	409,177.06	192,159.29	21.2			
New Hampshire	971,951.51	469,350.95	68.5	145,550.73	70,816.37	13.9
Vermont	185,586.27	89,653.04	10.1	34,248.47	14,388.33	.7
Massachusetts				45,375.31	22,687.65	3.4
Middle Atlantic	23,414.40	4,822.00	3.4			
New Jersey	23,414.40	4,822.00	3.4			
East North Central	3,066,526.61	1,263,458.14	333.1	1,151,213.67	476,194.65	50.8
Ohio				965,324.72	395,440.50	39.6
Michigan	977,379.45	446,118.39	73.3	133,857.74	58,754.15	8.5
Wisconsin	2,089,147.16	820,339.75	259.8	52,031.21	22,000.00	2.7
West North Central	10,009,901.36	4,071,132.42	1,378.3	90,617.76	41,516.00	4.5
Minnesota	6,943,545.85	2,716,858.16	1,011.2			
Iowa	924,656.57	339,733.08	111.1			
Missouri	745,935.14	334,797.21	97.9			
North Dakota	96,508.69	46,059.90	15.8			
South Dakota	959,798.90	470,872.21	99.1			
Nebraska	127,031.80	61,769.15	30.3			
Kansas	212,424.41	101,042.71	13.0	90,617.76	41,516.00	4.5
South Atlantic	1,979,105.13	940,911.02	162.5	541,555.43	260,666.45	37.3
Maryland	373,168.68	185,984.52	23.9	9,218.84	2,920.00	.1
Virginia	163,234.13	78,108.03	12.9	490,210.56	236,685.93	33.9
West Virginia				2,066.00	1,030.00	.2
North Carolina	210,352.41	99,732.02	39.8			
South Carolina	325,150.72	156,100.25	36.6			
Georgia	907,200.19	420,986.20	49.2	40,061.03	20,029.52	3.1
East South Central	3,139,677.18	1,472,282.33	309.6	716,441.94	294,409.96	34.0
Kentucky				483,657.78	178,017.88	21.7
Tennessee	34,648.64	17,074.32	2.8	232,784.16	116,392.08	12.3
Alabama	890,152.59	428,488.05	97.1			
Mississippi	2,214,875.95	1,026,719.96	209.7			
West South Central	11,260,117.65	4,728,740.19	1,355.3	1,625,605.51	703,305.37	158.1
Arkansas	1,775,877.59	758,372.88	278.7	159,320.97	41,138.00	18.3
Louisiana	2,895,055.52	1,252,597.86	266.9	99,622.92	48,516.36	3.2
Oklahoma	815,089.48	401,230.64	48.8			
Texas	5,774,095.06	2,316,538.81	760.9	1,366,661.62	613,651.01	136.7
Mountain	9,163,494.00	4,478,712.34	936.2	249,760.04	106,229.19	29.6
Montana	2,568,570.59	1,259,411.12	288.8	111,117.95	55,558.97	16.0
Idaho	2,841,780.56	1,402,734.44	243.7	70,796.49	20,000.00	4.3
Wyoming	615,742.34	289,661.90	80.8			
Colorado	461,676.98	225,279.26	42.1			
New Mexico	1,072,105.91	534,351.33	134.2			
Arizona	1,145,906.95	549,722.42	84.7			
Utah				67,845.60	30,670.22	9.3
Nevada	457,710.67	217,551.87	61.8			
Pacific	6,996,517.85	3,291,275.45	466.2	378,760.43	171,930.02	25.6
Washington	2,940,301.57	1,428,617.06	207.6			
Oregon	4,056,216.28	1,862,658.39	258.5	378,760.43	171,930.02	25.6
Percentage of total	19.6	20.6	37.8	2.1	2.1	2.7
Average cost per mile	$9,350	$4,160		$13,920	$6,040	

Federal aid projects completed and payment made arranged by major types of construction, June 30, 1922—Continued.

Geographic divisions and States.	47-49. Bituminous macadam.			50-60. Bituminous concrete.		
	Total cost.	Federal aid.	Miles.	Total cost.	Federal aid.	Miles.
Total for all States	$12,595,487.37	$5,542,282.60	456.1	$19,057,569.34	$7,644,957.70	601.7
New England	4,132,299.02	1,854,269.18	127.3	1,526,661.76	675,162.97	58.2
Maine	845,767.47	422,855.29	32.3			
New Hampshire	348,338.21	168,995.77	15.4	365,184.41	171,671.62	20.3
Vermont	215,029.60	107,102.98	7.6			
Massachusetts	2,142,509.16	888,669.08	55.4	347,974.59	154,946.23	16.9
Rhode Island	358,833.02	155,735.28	8.7	813,502.76	348,545.12	21.0
Connecticut	221,821.56	110,910.78	7.8			
Middle Atlantic	653,417.34	310,873.09	23.6	2,495,828.26	985,663.73	59.4
New York	366,726.34	172,350.95	14.8			
New Jersey	65,049.19	30,929.03	1.3	112,844.70	23,240.00	2.6
Pennsylvania	221,641.81	107,593.11	7.5	2,382,983.56	962,423.73	56.8
East North Central	3,025,009.77	1,233,302.58	109.6	2,984,475.97	1,146,763.51	79.1
Ohio	2,678,712.31	1,070,817.97	98.8	1,968,936.08	649,624.01	52.7
Indiana				495,706.70	243,050.79	12.0
Illinois	127,046.70	59,215.31	3.3	321,429.08	156,966.76	8.1
Michigan				198,404.11	97,121.95	6.3
Wisconsin	219,250.76	103,269.30	7.5			
West North Central	116,394.84	58,056.06	5.2	1,030,019.47	289,276.27	24.9
Minnesota				951,622.53	260,099.68	22.1
Missouri	116,394.84	58,056.06	5.2	78,396.94	29,176.59	2.8
South Atlantic	3,298,312.88	1,489,477.71	139.9	2,329,566.15	1,077,093.36	68.7
Maryland	416,587.23	203,279.91	27.3	172,021.15	86,010.57	5.8
Virginia	432,882.24	209,794.94	16.9			
West Virginia	529,769.07	248,442.90	33.2	213,837.57	97,526.48	11.4
North Carolina	379,283.29	183,736.94	10.6	1,612,587.97	767,949.35	40.7
South Carolina	50,033.78	25,016.89	3.0	245,106.64	109,706.96	8.3
Georgia	1,489,757.27	629,206.13	48.9	86,012.82	15,900.00	2.5
East South Central	1,081,295.25	446,420.92	28.6	1,350,983.36	611,340.94	31.0
Kentucky	426,200.80	149,494.39	10.1			
Tennessee	655,094.45	296,926.53	18.5	281,755.15	137,829.57	7.4
Alabama				1,069,198.21	473,511.37	23.6
West South Central	229,688.49	112,503.06	20.5	4,453,841.82	1,509,387.54	189.5
Arkansas	23,282.02	10,000.00	3.0	3,179,511.29	905,392.12	149.1
Louisiana				157,620.29	73,740.97	5.7
Oklahoma	12,701.60	5,850.00	.6	795,689.49	370,387.85	25.8
Texas	193,704.87	96,653.06	16.9	321,020.75	159,866.60	8.9
Mountain	59,069.78	27,380.00	1.4	1,638,874.74	736,444.21	34.5
Montana	59,069.78	27,380.00	1.4			
Idaho				1,066,702.49	479,215.20	24.5
Wyoming				177,650.66	74,128.03	1.2
Arizona				70,332.39	24,205.97	1.1
Utah				324,189.20	158,895.01	7.7
Pacific				1,247,347.81	613,825.17	56.4
Oregon				876,839.04	437,357.01	35.0
California				370,508.77	176,468.16	21.4
Percentage of total	5.2	5.4	3.4	7.9	7.5	4.5
Average cost per mile	$27,600	$12,150		$31,600	$12,730	

Federal aid projects completed and payment made arranged by major types of construction, June 30, 1922—Continued.

Geographic divisions and States.	70. Concrete.			80–90. Brick.		
	Total cost.	Federal aid.	Miles.	Total cost.	Federal aid.	Miles.
Totals for all States	$104,663,430.86	$44,648,016.43	2,762.0	$12,742,710.79	$3,947,431.69	273.0
New England	2,713,199.37	1,077,780.03	60.5	.....	.....	.....
Maine	564,180.74	242,266.16	11.8	.....	.....	.....
Vermont	86,603.77	43,301.88	3.4	.....	.....	.....
Massachusetts	1,824,634.96	693,411.99	37.8	.....	.....	.....
Rhode Island	112,119.11	45,800.00	2.3	.....	.....	.....
Connecticut	125,660.79	53,000.00	5.3	.....	.....	.....
Middle Atlantic	24,005,212.82	9,479,461.87	512.4	1,001,904.89	439,019.76	22.7
New York	3,357,302.92	1,513,864.96	95.9	.....	.....	.....
New Jersey	2,871,714.02	1,102,466.28	63.4	.....	.....	.....
Pennsylvania	17,776,195.88	6,863,130.63	353.0	1,001,904.89	439,019.76	22.7
East North Central	36,565,313.39	16,030,699.16	1,060.7	5,947,670.27	1,851,620.10	142.5
Ohio	5,738,239.66	1,907,312.08	160.9	5,494,319.74	1,630,710.00	128.9
Indiana	2,983,461.47	1,429,000.35	79.7	.....	.....	.....
Illinois	19,070,012.30	9,277,906.55	545.8	453,350.53	220,910.10	13.5
Michigan	2,218,576.03	1,078,198.47	73.8	.....	.....	.....
Wisconsin	6,555,023.93	2,338,281.71	200.5	.....	.....	.....
West North Central	12,405,850.73	4,949,776.48	301.0	4,077,923.24	1,235,116.38	78.5
Minnesota	1,905,606.27	800,341.34	59.2	.....	.....	.....
Iowa	5,425,386.49	2,258,153.35	116.7	1,337,973.60	386,881.28	21.2
Missouri	1,630,570.17	713,926.67	47.8	152,491.97	68,506.26	3.5
North Dakota	64,903.44	18,894.00	.9	.....	.....	.....
Nebraska	272,759.48	123,696.12	7.4	308,343.72	96,277.34	7.5
Kansas	3,106,624.88	1,034,765.00	69.0	2,279,113.95	683,451.50	46.4
South Atlantic	10,933,447.33	4,979,645.53	321.1	1,091,361.50	188,483.25	17.1
Delaware	944,294.07	360,604.83	21.9	671,467.39	33,050.00	6.2
Maryland	3,791,181.10	1,772,960.46	107.2	.....	.....	.....
Virginia	1,088,739.14	529,986.53	36.4	.....	.....	.....
West Virginia	876,684.58	396,094.15	29.6	405,819.10	148,395.75	10.3
North Carolina	896,603.46	378,649.78	26.0	.....	.....	.....
South Carolina	850,166.16	383,555.72	25.1	490.00	245.00	.2
Georgia	2,485,778.82	1,157,794.06	74.9	13,585.01	6,792.50	.4
East South Central	766,223.58	368,860.37	19.9	480,149.27	199,142.20	10.3
Kentucky	665,406.01	318,588.01	17.3	223,102.34	73,000.00	3.9
Mississippi	100,817.57	50,272.36	2.6	257,046.93	126,142.20	6.4
West South Central	2,924,489.28	1,129,359.46	72.3	143,701.62	34,050.00	2.0
Oklahoma	356,641.76	133,238.18	7.9	8,832.00	4,050.00	.4
Texas	2,567,847.52	996,121.28	64.4	134,869.62	30,000.00	1.6
Mountain	6,558,858.49	3,141,249.75	185.5	.....	.....	.....
Montana	1,070,201.06	506,301.24	25.6	.....	.....	.....
Idaho	301,537.77	140,000.00	7.0	.....	.....	.....
Wyoming	178,391.85	81,280.00	6.3	.....	.....	.....
Colorado	1,737,096.62	829,220.34	46.9	.....	.....	.....
New Mexico	596,731.70	298,360.09	21.3	.....	.....	.....
Arizona	1,550,207.30	792,120.37	52.1	.....	.....	.....
Utah	124,828.19	60,914.09	4.1	.....	.....	.....
Nevada	999,864.00	433,053.62	22.2	.....	.....	.....
Pacific	7,790,835.87	3,491,183.78	228.6	.....	.....	.....
Washington	4,253,921.79	1,973,383.12	120.9	.....	.....	.....
Oregon	1,745,396.63	686,591.40	33.5	.....	.....	.....
California	1,791,517.45	831,209.26	74.2	.....	.....	.....
Percentage of total	43.5	43.6	20.7	5.3	3.8	2.0
Average cost per mile	$37,850	$16,150	.....	$46,600	$14,450	.....

Federal aid projects completed and payment made arranged by major types of construction, June 30, 1922—Continued.

Geographic divisions and States.	120. Bridges.			Type total.		
	Total cost.	Federal aid.	Miles.	Total cost.	Federal aid.	Miles.
Totals for all States	$7,400,472.72	$3,434,160.50	25.2	$240,902,433.17	$102,318,797.77	13,354.7
New England	70,708.74	35,201.07	.2	10,234,758.24	4,501,468.79	363.9
Maine				1,819,125.27	857,280.65	65.3
New Hampshire	51,673.55	25,683.48	.1	1,882,698.41	906,518.19	118.2
Vermont	19,035.19	9,517.59	.1	540,503.30	263,963.82	21.9
Massachusetts				4,360,494.02	1,759,714.95	113.4
Rhode Island				1,284,454.89	550,080.40	32.0
Connecticut				347,482.35	163,910.78	13.1
Middle Atlantic				28,179,777.71	11,219,840.45	621.6
New York				3,724,029.26	1,686,215.91	110.8
New Jersey				3,073,022.31	1,161,457.31	70.7
Pennsylvania				21,382,726.14	8,372,167.23	440.1
East North Central	238,204.06	91,294.13	.4	57,810,934.23	23,548,360.42	2,115.3
Ohio				16,845,532.51	5,653,904.56	481.0
Indiana	10,667.21	4,843.76		3,489,835.38	1,676,894.90	91.7
Illinois	201,449.62	76,023.30	.3	23,424,609.01	10,668,902.80	702.9
Michigan				3,528,217.33	1,680,192.96	162.0
Wisconsin	26,087.23	10,427.07	.1	10,522,740.00	3,868,465.20	677.7
West North Central	427,338.02	199,999.45	1.1	32,481,881.48	12,675,658.23	2,598.4
Minnesota	48,383.48	13,000.00	.1	10,481,855.06	4,061,832.60	1,144.6
Iowa				9,199,214.57	3,511,878.62	488.9
Missouri	192,653.07	96,326.53	.1	3,056,395.55	1,370,645.18	190.0
North Dakota	90,232.05	43,754.76	.7	1,363,637.95	639,879.22	311.2
South Dakota	96,069.42	46,918.16	.2	1,422,406.84	699,618.84	154.8
Nebraska				1,192,299.15	499,522.90	168.1
Kansas				5,766,072.36	1,892,280.87	140.2
South Atlantic	3,324,187.32	1,491,545.02	14.7	34,023,668.95	15,285,845.44	2,046.6
Delaware				1,615,761.46	393,654.83	28.1
Maryland				4,804,945.57	2,272,317.90	166.9
Virginia	45,816.81	22,213.83	.3	2,693,380.19	1,303,618.26	174.4
West Virginia				2,687,374.55	1,192,163.78	134.5
North Carolina	254,759.12	107,877.11	.4	5,731,873.82	2,605,098.76	402.7
South Carolina	259,470.71	125,614.55	.7	3,957,404.32	1,853,012.58	393.6
Georgia	2,764,140.68	1,235,839.53	13.3	12,463,462.73	5,636,278.70	730.8
Florida				69,466.31	29,700.63	15.6
East South Central	223,421.24	105,421.28	.9	10,292,474.40	4,736,532.49	791.5
Kentucky				2,857,106.88	1,224,965.71	130.3
Tennessee	37,349.89	18,674.94		1,241,632.29	586,897.44	41.1
Alabama	186,071.35	86,746.34	.9	3,117,022.41	1,471,037.95	319.6
Mississippi				3,076,712.82	1,453,631.39	300.5
West South Central	918,234.48	430,441.52	3.1	22,298,640.41	8,946,996.95	1,949.1
Arkansas				5,137,991.87	1,714,903.00	449.1
Louisiana				3,177,925.69	1,386,187.59	283.2
Oklahoma	367,996.21	182,927.75	1.0	2,398,173.00	1,117,967.15	86.2
Texas	550,238.27	247,513.77	2.1	11,584,549.85	4,727,939.21	1,130.6
Mountain	1,633,434.73	808,542.17	3.7	25,421,080.10	12,163,941.37	1,903.9
Montana	526,238.06	262,918.88	.9	5,298,389.77	2,591,760.30	464.4
Idaho	291,208.48	140,326.42	.7	6,398,969.93	3,028,399.88	404.9
Wyoming	101,289.79	49,494.07	.4	2,460,177.95	1,144,090.76	316.5
Colorado	215,235.63	107,306.84	.6	3,469,704.74	1,631,345.69	220.8
New Mexico				1,784,607.16	890,449.48	184.7
Arizona	363,888.17	180,765.88	.8	3,516,668.68	1,733,789.06	175.5
Utah	16,501.68	8,250.84		548,904.15	266,499.90	21.4
Nevada	119,072.92	59,479.24	.3	1,943,657.72	877,660.30	115.6
Pacific	564,944.13	271,715.86	1.1	20,159,217.65	9,240,153.63	964.4
Washington	205,136.86	101,974.53	.8	8,025,743.67	3,783,259.11	353.8
Oregon	359,807.27	169,741.33	.3	9,036,285.21	4,032,957.06	449.7
California				3,097,188.77	1,423,937.46	160.9
Percentage of total	3.0	3.4	.2			

Cooperative Post Road Projects Undertaken Under the Act of Congress Approved July 11, 1916, as Amended.

Projects undertaken but not yet completed.

[Projects and percentage [1] of completion as of June 30, 1922. Financial data [1] and mileage therefor as of November 30, 1922.]

ALABAMA.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project. No.	Per cent completed.	Total cost.	Federal aid.	Mile age.
1	67	$106,462	$53,231	8.8	87	.....	$173,323	$86,661	14.6
2	75	36,567	18,284	9.0	88	15	465,349	232,675	17.5
20	37	194,470	97,235	17.4	89-B	.....	115,580	57,790	14.2
21	.....	20,000	10,000	4.3	89-A	2	54,488	27,244	10.0
24	43	137,580	68,790	9.6	90	1	196,196	98,098	13.5
25	100	59,932	29,966	9.2	91	1	99,044	49,522	26.1
26	32	52,406	26,203	3.5	92	.....	254,289	127,145	20.5
28	.....	30,464	15,232	5.8	93	60	104,798	52,399	20.6
30	.....	29,075	14,537	10.9	94	.....	215,634	107,817	12.3
31	.....	28,071	14,036	6.1	95	49	268,164	134,082	25.2
38	100	60,618	30,309	7.4	96	1	147,365	73,683	20.5
39	9	196,494	98,247	7.7	98	37	56,871	28,435	2.9
40	99	49,921	24,961	5.6	99	.....	529,485	264,742	23.1
46	39	66,660	33,330	6.0	100	.....	631,684	315,842	34.3
49	100	74,724	37,362	10.0	101	[1] 99	59,954	29,977	10.8
62	73	256,724	128,362	22.8	102	48	62,063	31,031	4.8
66	1	221,802	110,901	13.7	103	21	196,657	98,329	.1
68	.....	78,135	39,068	10.2	104	18	273,880	136,940	9.9
70	99	27,553	13,776	3.9	105	39	152,591	76,295	14.7
71	.....	124,559	62,279	4.1	106	53	165,444	82,722	4.7
76-B	51	344,438	172,219	17.4	107	15	175,259	87,629	17.8
73	31	100,811	50,406	11.0	108	.....	13,152	6,576	.2
74	.....	187,399	93,700	11.2	108-C	.....	179,577	89,788	8.4
75	2	147,952	73,876	12.5	109	.....	39,608	19,804	7.3
77	.....	77,413	38,706	16.7	109-B	1	46,161	23,081	5.7
78	.....	219,345	109,672	6.3	110	1	54,529	27,264	.6
78-A	.....	67,080	33,540	5.3	111	.....	229,399	114,700	.2
81	61	130,048	65,024	14.0	113	15	42,889	21,444	.1
82	.....	219,497	109,748	8.0	114	.....	115,058	57,529	24.6
83	.....	261,601	130,800	10.1	115	.....	313,705	156,853	18.8
84	100	23,320	11,660	.2	116	.....	190,919	95,459	8.9
85	98	219,886	109,943	.2	118	.....	291,310	145,655	13.9
86	.....	131,539	65,769	7.4	119	.....	308,979	154,490	12.0

ARIZONA.

6-B	93	$34,127	$20,856	9.6	40	1	$169,740	$103,733	32.2
16	95	1,242,588	432,368	19.7	42	.....	73,093	44,669	10.6
19-A	90	104,421	52,210	10.8	43	.....	221,197	135,179	6.1
19-B	95	83,840	41,920	4.0	46-B	95	586,414	358,374	18.4
20	.....	62,773	22,004	.9	47	.....	126,452	77,278	4.1
22	.....	15,959	7,979	2.7	48	.....	280,399	171,359	7.8
23-F	60	233,744	116,872	17.1	49	45	102,650	62,732	16.0
23-B	92	67,403	33,702	5.2	51	.....	31,636	19,334	4.8
24	95	202,588	101,294	15.1	53	1	182,003	111,227	23.5
26	58	172,917	86,458	18.6	54	.....	41,454	25,334	4.2
30	98	82,169	50,213	2.9	55	.....	303,018	185,183	42.6
36	10	79,166	48,380	4.5	56	.....	142,797	87,267	15.0
37	93	51,998	31,778	2.8	57	20	123,437	75,435	9.3
38	97	160,604	80,302	26.4	60	.....	103,655	63,347	12.0
39	99	177,430	88,715	23.0	61	.....	210,779	128,813	22.0

[1] Where no percentage is given construction either has not been begun or but little progress has been made. Federal-aid amounts shown are the estimated totals that will eventually be paid. Projects 100 per cent complete are shown here where final payment had not yet been made.

Projects undertaken but not yet completed—Continued.

ARKANSAS.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
8	.....	$20,160	$10,000	4.1	93	99	$285,385	$138,000	13.9
12	.....	22,369	10,000	7.6	95	100	346,211	167,800	8.5
17	20	82,332	18,000	5.8	96	6	287,381	92,000	9.8
20	65	65,056	32,443	8.9	97	95	111,499	55,000	8.5
26	16	220,805	105,000	13.3	99	.....	222,178	80,000	14.4
28	98	268,263	104,000	18.6	100	.....	399,053	100,000	10.6
29	90	120,879	33,000	5.6	101	21	310,672	141,536	38.0
30	83	214,012	106,125	23.5	102	60	174,711	69,631	6.8
33	97	51,909	25,954	4.7	103	85	79,062	33,247	4.8
34	99	26,477	13,200	2.6	104	98	125,719	62,816	7.6
35	98	188,420	87,500	8.8	108	40	118,474	58,000	37.0
36	99	259,062	125,000	38.8	109	60	54,507	27,250	6.8
37	97	82,224	41,112	19.8	113	98	29,523	12,600	2.2
38	90	156,365	70,000	9.8	119	28	201,056	40,000	4.0
39	.....	73,850	25,000	14.3	121	66	229,153	60,000	8.9
41-A	65	116,659	58,000	19.8	124	97	81,433	37,500	7.6
41-B	65	110,617	52,438	17.4	126	85	24,634	11,500	5.4
41-C	65	36,326	16,000	10.2	127-C	22	74,256	35,000	6.6
43	30	22,580	11,200	2.1	132	55	80,118	30,000	4.3
47	96	225,063	90,000	15.6	134	99	107,057	52,000	11.3
50	99	224,565	106,800	7.9	135	99	377,221	100,000	.6
51	85	143,313	64,156	8.4	138	.....	68,383	33,000	14.8
59	.....	433,349	100,000	76.6	139	.....	74,103	35,000	4.5
63	99	96,855	48,000	11.0	140	.....	260,787	100,000	10.7
67	65	87,251	43,626	11.3	141	.....	32,642	10,000	.1
70	.....	107,393	53,000	19.7	141-A	.....	141,486	65,000	8.3
72	78	36,936	17,040	11.2	142	45	129,336	35,000	6.1
73	.....	26,191	12,200	.1	143	55	45,034	20,000	3.6
78	99	41,282	20,500	12.1	144	.....	81,190	35,000	6.5
79	.....	143,677	56,000	10.5	145	.....	17,000	8,500	.1
80	59	346,363	148,250	14.6	146	.....	21,450	10,725	.1
85	68	218,651	98,000	11.4	147	.....	150,356	65,000	4.3
86	.....	90,662	45,000	7.1	150	.....	330,910	95,000	8.0
87	32	111,180	50,000	8.1	151	.....	370,422	5,000	12.0
92	98	50,174	24,400	9.1	157	.....	26,000	13,000	.2

CALIFORNIA.

8-A	.....	$310,984	$155,492	11.4	72	95	$169,045	$84,523	0.2
8-B	30	422,317	211,158	15.6	73	92	96,797	48,399	.1
9	100	273,492	121,914	15.2	74	80	259,475	129,738	11.3
10	92	78,718	39,359	10.9	75	82	263,532	131,766	10.6
12	100	266,668	133,334	14.9	76	30	428,024	214,012	11.9
14	.....	152,947	76,473	24.1	77	14	379,751	189,875	22.0
15	99	285,404	142,702	.5	78	25	260,187	130,093	12.0
17	100	239,134	119,567	7.7	79	67	53,006	31,274	12.3
18	100	151,647	75,823	7.4	80	20	197,947	98,973	13.2
26	98	329,599	164,799	10.7	81	52	258,046	129,023	10.6
28	85	180,045	90,022	6.7	82	66	207,365	103,682	8.4
29	98	71,829	35,914	10.7	83	89	77,554	38,777	11.7
31	92	37,137	18,568	4.1	85	65	372,418	186,209	15.7
37	97	398,044	199,022	12.0	86	33	231,071	115,535	10.0
38	99	165,081	82,541	7.8	88	42	68,188	34,094	2.0
40	25	323,015	161,508	16.8	89	38	92,571	46,286	5.3
41	99	355,389	177,695	14.9	90	.....	40,465	23,874	3.5
43	100	38,004	19,002	1.3	91	13	197,773	116,686	6.1
44	99	278,321	139,160	10.7	92	3	560,378	280,189	17.6
47	6	641,927	198,140	5.7	94	.....	137,669	81,225	5.9
48	99	190,439	95,220	8.1	95	5	153,296	90,444	10.6
49	100	139,146	69,573	5.5	96	.....	337,766	199,282	12.2
50	90	221,229	110,615	8.1	97	5	187,953	110,892	9.0
52	25	399,947	199,973	17.8	98	3	308,528	182,032	12.3
58	75	626,217	292,800	14.6	99	1	188,094	84,472	3.6
60	98	146,923	73,462	13.4	100	.....	189,210	111,634	8.5
61	97	185,294	92,647	.2	101	.....	347,001	204,730	13.5
65	99	475,628	237,814	16.4	102	.....	371,663	219,281	10.7
66	99	46,832	23,416	5.9	103	.....	473,779	279,529	16.5
67	95	100,806	50,403	8.4	104-A	.....	499,833	294,902	16.5
68	90	78,489	39,245	3.2	104	.....	112,042	66,105	3.0
69	36	254,175	127,087	14.8	105	.....	283,800	160,400	6.8
70	70	210,597	105,298	13.1	107	.....	274,725	162,088	11.4
71	31	195,524	97,762	17.1					

Projects undertaken but not yet completed—Continued.

COLORADO.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
2	85	$611,920	$305,960	64.1	142	42	$102,171	$56,120	2.5
7-B	56	55,030	27,515	4.0	146	98	113,737	63,829	2.1
7-C	.....	69,209	38,840	10.5	148	67	153,266	86,013	4.8
18	100	35,084	19,689	.1	157	.....	72,863	36,432	14.1
28	92	43,194	21,597	2.1	160	.....	97,731	48,160	1.9
29	95	70,840	35,420	1.9	161	12	68,930	38,684	.3
30	.....	65,730	21,191	.9	162	.....	59,887	30,597	1.4
32	100	188,717	94,359	5.7	163	.....	82,320	45,704	.5
36	99	46,607	23,304	1.2	165	.....	86,781	48,702	9.3
51	100	28,109	15,831	8.8	166	.....	80,111	44,958	2.0
54	71	110,133	55,066	5.1	168-A	.....	52,382	29,397	5.7
55	100	65,340	32,670	5.4	168	.....	65,984	29,786	7.0
58-A	100	49,483	24,741	3.1	169	38	116,377	65,311	.5
59	99	116,246	58,123	9.9	171	.....	66,268	37,190	6.7
65	95	67,776	24,698	1.2	172	40	47,380	26,589	3.2
71-A	76	97,807	48,903	5.0	173	.....	22,864	12,831	.3
75	98	28,729	14,364	6.8	174	10	116,011	58,006	3.1
80	86	72,505	36,253	6.6	178	98	42,251	23,711	.1
81-B	98	18,557	10,414	1.7	180	95	12,282	6,893	2.1
81	.....	121,214	59,471	6.3	182	65	85,344	47,895	3.3
94	99	34,772	19,514	3.3	183	12	55,954	30,532	1.4
96	73	76,521	35,429	1.4	188	16	28,275	15,868	3.2
97	100	70,072	35,036	6.7	189	.....	63,688	35,741	5.4
100	97	34,884	17,442	3.1	190	.....	42,949	24,103	1.5
101	100	53,074	26,537	4.1	208	.....	14,949	7,475	.9
102	.....	52,380	21,020	1.1	208-A	.....	36,681	20,585	3.1
103	99	31,445	15,723	5.7	209	.....	49,815	27,956	3.6
104	100	32,623	18,308	.2	210-A	.....	67,921	38,117	5.3
106	93	27,981	13,990	1.4	210	.....	121,374	68,115	7.7
107	90	59,027	29,513	4.0	211	.....	35,000	19,642	2.5
111	94	60,378	33,884	10.0	213-B	.....	73,592	41,300	5.3
113	100	80,534	40,267	4.5	214	.....	60,000	33,672	3.0
116	.....	102,066	51,033	4.4	215	.....	30,738	17,250	.2
119-B	.....	19,360	14,015	7.5	216	.....	47,674	26,755	12.6
120	100	59,564	25,460	1.3	216-A	.....	64,790	36,360	5.4
125	.....	88,810	44,405	2.8	217	.....	93,746	52,610	2.9
126	90	45,323	22,661	3.1	218-A	.....	64,818	36,376	8.3
127	90	27,191	15,260	2.7	218	.....	22,182	12,449	3.5
129	30	177,838	88,480	4.4	221	.....	159,160	89,321	4.0
130	3	41,679	22,538	1.0	222-A and B	.....	200,000	112,240	4.2
131	87	34,428	18,701	.8	223	.....	40,000	22,448	3.5
132	.....	68,048	34,024	1.9	224	.....	69,223	38,848	5.6
133	43	138,264	77,594	4.2	225	.....	36,979	20,753	1.0
135	.....	194,989	109,428	5.4	226-A	.....	274,986	154,322	8.2
136	70	57,991	28,995	5.5	226-C	.....	50,678	28,440	10.7
137	98	27,889	13,379	.6	226	.....	508,524	16,463	4.4
139	4	157,137	78,568	4.0	228	.....	174,975	98,196	4.4

CONNECTICUT.

4	98	$1,835,265	$643,720	32.2	9-A	.....	$172,334	$86,167	5.0
5	100	314,061	157,030	11.2	9	.....	156,924	78,462	8.6
6-B	8	369,903	179,105	9.1	11-A	.....	147,262	64,960	3.2
7	40	164,566	82,283	4.2	11	.....	494,643	224,640	11.2
8	35	205,904	78,000	3.9					

DELAWARE.

5	85	$210,143	$54,000	6.0	11	12	$161,383	$72,000	5.4
8	17	148,296	66,000	3.7	12	6	189,764	85,000	6.3
9	90	30,653	13,000	1.0	13	1	210,324	77,625	6.2
10	2	66,465	29,500	1.6	14	1	51,269	22,500	1.1

Projects undertaken but not yet completed—Continued.

FLORIDA.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
2	92	$69,679	$20,000	4.1	20	5	$213,499	$106,750	1.6
3	99	417,031	208,516	.2	21-B	16	234,656	117,328	5.7
4	98	66,006	30,000	3.1	22	14	284,985	142,492	8.9
5	99	46,879	20,000	2.5	23	30	467,017	233,509	12.8
6	100	25,829	12,915	5.6	24	64	348,172	174,086	9.9
7-A	70	187,098	93,549	12.9	26	95	78,649	39,325	11.0
7-B	.....	92,351	46,175	.1	29	15	148,681	74,340	.1
8	99	217,155	108,578	11.7	30	40	53,983	26,992	.1
11	16	563,421	281,711	15.4	31	8	69,362	34,681	11.8
13	39	305,686	152,843	8.6	32	25	369,717	148,859	10.0
14-B	100	284,174	142,087	6.3	33-A	55	358,844	179,422	12.6
15	100	54,571	20,000	3.3	34	.....	391,122	195,561	10.0
16	99	11,799	5,899	.7	35	.....	165,765	82,883	5.0
17	35	287,246	143,623	7.9	36-A	.....	265,069	132,535	7.8
18	25	454,731	227,365	12.8	36	.....	198,512	99,256	7.3
19-A	80	98,410	49,205	8.2					

GEORGIA.

1-A	99	$62,318	$31,159	10.2	217	95	$18,291	$9,145	2.3
1-E	.....	12,974	6,487	3.0	218-A	.....	22,545	11,272	1.0
2	80	98,922	49,460	13.6	219	98	56,950	28,475	.7
3	95	234,569	117,284	6.6	220	9	62,645	31,322	10.3
9	85	89,678	44,800	7.9	221	25	63,218	31,609	.2
17	96	127,773	63,887	20.0	224	.....	16,797	8,398	2.4
19	86	50,617	25,308	9.1	225	98	56,767	27,000	6.0
25	99	51,899	25,950	14.7	226-A	15	27,993	13,997	5.2
28	94	59,162	29,581	9.5	227	70	12,847	6,424	4.5
30	98	80,911	40,456	16.8	228	25	48,250	24,125	4.9
43	55	154,067	77,033	4.5	229	.....	51,210	25,605	12.5
47	83	42,338	21,169	12.6	230	.....	96,575	48,288	12.0
52	67	72,272	30,528	13.1	231	15	42,641	21,320	5.2
55	30	107,406	53,703	10.7	232	2	57,892	25,000	7.1
71	99	67,087	33,543	8.1	233	99	10,975	5,487	.4
82	95	170,326	85,163	8.0	234	8	56,908	28,454	10.8
94	50	50,180	25,090	7.6	235	.....	11,381	5,690	3.1
95-B	10	25,544	12,772	5.9	236	.....	29,941	14,971	1.2
98	100	126,211	63,106	5.5	237	.....	51,849	25,925	7.5
108	99	114,287	57,144	16.2	238	.....	41,247	20,623	4.8
109	81	69,372	32,686	7.2	239	.....	162,050	50,000	7.0
111 [2]	.....	5,808	2,904	.....	240	8	22,293	11,147	.5
118 [2]	100	30,123	15,062	.....	241	12	56,983	25,000	12.0
119	70	65,230	32,615	7.8	242	12	64,317	32,158	7.5
125	90	91,054	45,527	14.0	243	.....	16,504	8,252	.4
126	35	47,659	20,000	.1	244	.....	101,723	50,000	8.1
127	.....	111,082	1,000	.3	245	28	8,851	4,426	2.5
132	99	40,233	20,117	7.3	246	.....	16,016	7,840	.4
141	88	52,692	24,000	12.7	246-A	.....	44,319	22,160	1.5
142	100	92,335	35,000	8.9	247	20	60,000	30,000	7.4
145	99	79,050	31,620	12.4	248	.....	18,735	9,367	5.0
149	92	74,294	37,147	10.5	249	.....	43,552	21,776	13.1
150	.....	47,845	23,922	7.6	250	.....	46,135	23,068	7.0
154-B	10	49,856	24,928	9.0	251	10	21,507	10,753	2.9
158	60	62,622	26,301	9.3	252	.....	44,513	22,257	5.1
161	98	79,280	35,516	2.7	253-B	.....	15,118	7,559	2.7
165	99	53,927	26,963	6.5	254	.....	64,221	32,110	5.5
167	99	80,869	37,500	2.5	255	.....	33,203	16,602	2.8
169	79	42,680	15,000	8.0	256	.....	94,163	30,000	15.3
173	82	25,122	10,000	2.3	258	.....	64,256	20,000	6.1
174	55	200,150	100,075	7.6	259	.....	34,832	17,416	6.6
176	76	31,251	12,000	4.9	260	.....	43,497	4,836	2.9
178	95	75,653	37,827	6.3	260-A	.....	26,328	13,164	6.3
182	99	43,963	21,982	8.2	261	.....	139,506	69,753	10.1
186	15	29,447	14,724	3.1	264	.....	30,801	15,400	11.5
187	99	103,518	51,759	2.4	265	.....	25,975	12,987	7.4
188-B	45	50,609	25,000	6.3	266	30	12,840	6,420	3.6
192	20	55,927	27,964	2.2	267	.....	38,916	18,790	1.9
192-A	.....	40,282	20,414	.7	267-A	.....	32,420	16,210	5.5
193	.....	29,185	14,593	3.2	268	.....	102,532	51,266	14.0
198	99	30,237	15,119	6.0	270	.....	39,846	19,923	.4
201	8	255,723	127,862	.4	272	.....	70,585	35,292	2.8
203	68	124,760	48,000	12.7	273	.....	33,748	16,865	3.9
204	66	33,301	16,650	5.7	274	.....	30,800	15,400	5.1
206	.....	38,745	19,373	3.2	275	.....	33,924	16,962	12.5
208	48	49,346	21,781	9.1	276	.....	43,249	21,625	3.3
211	.....	123,365	1,000	4.9	277	.....	86,243	43,121	9.4
212	95	123,048	61,524	11.3	279	.....	80,927	25,000	6.8
214	98	29,604	12,849	.9	280	.....	23,670	11,835	4.0
215	95	41,701	20,851	4.8	282	.....	155,381	78,481	12.2
216	80	24,148	12,074	4.1	283	.....	22,479	11,240	2.6

[2] Project reopened for resurfacing mileage previously graded and drained, hence no mileage shown here.

Projects undertaken but not yet completed—Continued.

IDAHO.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
16-A	100	$15,997	$7,999	6.3	55		$172,752	$86,376	9.9
16-B	100	42,073	21,036	.1	56		58,872	20,000	3.1
20-A	97	189,300	94,650	13.5	57		73,472	42,000	.1
33-B	100	108,374	54,187	3.0	58	5	115,104	65,000	9.0
44	100	34,792	4,725	9.9	59		22,400	11,200	.8
49	100	48,668	24,334	1.5	60		68,436	15,843	.2
50-D		95,794	30,583	6.2	60-A		53,915	26,957	7.8
51-B		56,463	28,231	.5	61-C		68,801	39,904	13.7
51-A	1	143,462	71,731	20.0	61		159,867	3,096	11.7
52-C		66,440	33,220	11.4	62		103,929	53,943	10.1
53-A	1	330,407	175,000	12.7	63		49,086	24,543	2.0
54	10	67,087	37,737	1.7					

ILLINOIS.

1-D	99	$152,969	$76,484	4.9	26-Sec. 21		$121,594	$60,797	4.9
2-M	40	26,449	13,225	.7	26-Sec. 22		138,060	69,030	5.7
7-C	95	226,391	113,196	5.8	26		950,950	475,475	21.9
7-D	96	238,518	103,526	5.0	27		180,329	90,164	5.3
7-I	90	184,976	50,980	2.5	27-Sec. 31		87,731	43,866	3.1
7-J	95	119,731	59,866	3.2	28		163,313	81,657	4.7
7-F	90	24,698	12,349	.6	34-Sec. 26		169,554	84,777	5.7
7-U	95	78,316	31,700	1.6	34-Sec. 27		46,794	23,397	3.0
8-V3	99	17,547	8,370	.3	34		87,525	43,763	.2
8-Sec. 18	85	265,381	121,091	6.1	35-Sec. 17		104,339	52,170	3.9
9-Sec. 32	90	91,358	40,240	2.0	35-Sec. 18		86,760	43,380	3.7
12-F	99	238,943	98,506	4.2	36-Sec. 66		128,275	64,138	5.4
18-Sec. 7	90	26,806	7,219	.3	36-Sec. 67		127,762	63,881	4.9
19-Sec. 18	99	17,816	4,454	.4	37-Sec. 22		84,451	42,226	.6
19-Sec. 19	99	88,259	22,065	2.2	38-Sec. 45		157,566	78,783	5.2
23		113,543	28,386	2.5	38		231,388	115,693	6.9
24-F		33,722	16,861	1.3	39		254,663	127,332	7.3
24		473,202	236,601	140.1	40		196,647	93,323	5.3
26-Sec. 16		182,285	91,142	6.5	40-Sec. 29		132,943	66,471	4.8
26-Sec. 17		184,723	92,362	5.2	41-Sec. 16		137,263	68,632	5.0
26-Sec. 18		138,794	69,397	5.3	42-Sec. 161		223,383	111,692	6.3

INDIANA.

6-B	15	$454,976	$211,935	9.4	17		$498,057	$242,289	12.7
6-C	25	476,566	227,563	11.0	18-A	99	278,624	139,312	7.0
6-D	26	126,434	63,217	3.5	19		222,046	111,023	12.4
6		73,893	28,211	1.8	21-B		74,891	37,446	7.1
9-A	99	319,553	159,776	8.5	21-C		108,671	54,335	8.8
10-B		375,099	187,550	10.5	21		1,716,438	802,219	28.8
10-C		83,528	37,248	.1	22		214,225	107,113	6.0
13-B	34	447,169	223,585	12.0	23		425,546	212,773	14.4
13-C	57	380,015	190,008	7.9	24		994,576	497,288	25.6
13-D	45	258,529	129,265	7.3	24-D	100	7,909	3,954	.1
14	93	177,661	88,831	4.7	28-A	8	269,191	134,595	7.0
15-A	41	676,282	300,767	13.9	28-B		107,565	53,782	3.6
15		9,072	4,536	.8	29	2	287,849	143,925	2.5
16-A	97	478,864	235,164	11.2	31-A	2	257,284	128,642	6.9
16-C	75	315,821	157,910	11.0	31-B	19	323,289	161,644	10.7
16-E	55	259,904	129,952	8.0	31-C		137,571	68,785	4.5
16-F	99	242,992	121,496	8.9	31		87,332	43,666	.8
16-G		90,199	45,099	8.4	32-A and C		102,710	51,355	3.3
16-I	97	20,912	10,456	.1	32-B		123,219	34,383	1.5
16		223,781	126,907	53.4	33		98,770	49,385	4.0
17-A	99	429,402	214,701	11.4	34		480,920	240,460	17.4
17-B		331,871	165,341	8.1	35		196,390	98,195	5.5
17-C	5	309,357	153,440	7.7	35-B		90,985	45,493	3.3

IOWA.

2	54	$111,057	$31,532	49.8	15	99	$125,932	$17,455	13.1
2-A	54	215,763	109,960	5 5	17-A	94	131,782	50,000	21.2
4	99	39,100	19,550	12,6	17-B		23,242	11,600	1.4
5	17	465,002	220,000	15.6	18	99	911,044	351,500	17.6
6	98	87,271	21,087	12.0	19	99	60,005	26,500	14.1
11	95	103,731	50,000	16.3	21	98	106,010	25,090	16.3
14	99	94,487	47,200	15.6	22	99	419,835	149,000	7.5

Projects undertaken but not yet completed—Continued.

IOWA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project. No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
27	99	$50,649	$25,000	10.6	96	99	$52,358	$22,800	12.4
32	99	260,678	16,585	4.9	98-D	2	36,260	18,100	4.7
34	99	58,367	29,000	12.2	98-AB	70	94,319	40,000	14.0
38-A	99	30,264	15,000	5.1	103	40	91,727	45,000	12.4
40	99	105,207	23,300	19.4	105	98	75,445	34,000	9.8
42	99	90,646	45,300	10.5	111	12	49,986	24,900	21.3
44	.....	159,086	21,804	17.8	120	45	27,793	13,500	6.8
45	99	146,415	73,000	18.2	122	40	76,052	31,800	9.9
47-BC	77	226,574	113,000	29.8	123	.....	52,200	26,100	3.2
48	95	88,588	28,128	1.9	123-ABC	30	50,890	25,400	8.8
49	1	15,805	7,900	3.9	132	13	412,278	196,700	12.5
50	99	106,333	31,150	10.3	134	98	77,794	30,000	8.4
51-B	.....	123,107	20,200	10.2	135-A	6	127,663	58,900	2.9
52	55	128,966	64,483	17.6	136	5	282,379	140,400	7.0
53	99	131,039	65,500	20,8	137	.....	90,118	45,000	12.7
54	.....	173,969	86,400	5.5	138	.....	48,290	24,000	14.3
55-C	.....	196,608	92,400	5.5	139-C	38	118,524	59,262	23.8
55-A&B	15	598,636	286,461	16.3	140	8	369,181	184,500	11.3
56	98	91,796	45,500	20.6	141	.....	29,262	14,600	6.0
57-AC	.....	40,816	20,400	14.4	142	.....	39,729	19,800	5.9
58	99	505,256	190,400	17.9	145-A	20	85,539	42,700	9.8
59	64	221,109	110,500	36.5	146	.....	86,204	43,000	13.2
60	99	82,566	27,000	10.8	147-C	20	529,791	264,800	16.4
62	1	567,476	283,700	17.2	149	.....	84,939	37,900	14.0
63-ACD	.....	125,799	60,000	11.7	150	2	66,779	32,900	15.3
63-E	42	25,434	12,000	5.9	151	.....	30,635	15,000	9.4
63-A	.....	25,000	12,500	5.6	152	.....	55,475	27,700	13.8
64-B	20	43,463	21,700	8.3	153	.....	48,550	23,900	12.2
64-CD	99	41,679	20,800	12.1	154-A	1	57,652	28,800	9.5
66-A	77	75,953	35,000	10.4	154-C	.....	17,451	6,700	3.0
66-BC	82	170,185	84,000	23.3	155	22	88,827	44,400	16.9
67	70	72,113	35,200	20.7	156-C	2	149,102	74,500	14.3
70	8	41,325	20,600	6.8	157	4	88,027	44,000	2.6
70-BC	99	76,498	35,000	17.5	159-A	6	67,739	33,800	8.5
71	89	75,835	37,900	21.8	159-B	15	33,051	16,500	8.6
72-B	85	47,183	12,000	12.1	160	.....	17,361	8,600	5.1
72-A	75	69,686	30,000	9.8	161	.....	115,418	57,700	12.6
74-BDE	97	222,660	111,300	27.6	162	25	44,743	22,300	7.7
76	95	99,964	48,000	14.5	164	2	60,894	30,400	8.6
77	99	147,035	73,500	18.1	165	.....	9,900	4,950	.8
78	99	160,786	54,500	2.7	165-F	.....	77,854	38,800	18.0
80	98	110,848	36,500	19.0	167	.....	80,099	40,000	16.4
81-B	30	42,256	21,000	11.5	169-D	.....	101,256	50,000	7.3
83-D	99	111,495	16,900	14.5	170	.....	143,633	71,000	13.5
85-C	93	100,747	50,000	12.9	171	.....	107,212	50,300	12.0
85-D	20	25,350	12,675	2.9	172	.....	20,600	10,300	.....
86	45	146,772	73,000	24.3	172-A	.....	59,171	25,700	13.6
87	36	82,875	41,400	28.2	173-A	2	22,816	11,400	4.2
88-AB	98	44,332	22,000	10.7	173-B	.....	52,725	26,300	5.4
88-A	.....	7,600	3,800	5.7	174	.....	55,176	27,500	15.2
90	72	152,105	75,000	26.1	177	20	80,349	40,000	12.0
91-BCD	99	79,604	39,000	11.0	178	.....	91,438	45,700	15.9
91-E	1	41,969	20,900	4.6	179-B	.....	25,657	12,800	2.8
93	86	68,532	34,000	11.0	179-A	.....	32,235	16,000	4.1
94	48	916,853	417,100	25.0	180	.....	264,170	125,000	7.7

KANSAS.

1	99	$191,607	$62,445	4.2	22-I	94	$648,878	$151,560	10.1
1-EF	99	15,148	3,810	.3	27-E	50	1,583,334	382,605	25.5
2-FG	25	32,346	16,173	2.2	29-EFH	95	354,236	65,970	4.4
2-CDE	66	478,462	239,231	23.4	30-D	.....	589,907	150,570	10.0
2-A	99	141,120	68,276	9.1	30-G	.....	489,497	88,020	5.9
2-B	98	142,256	71,128	10.2	32-CD	96	456,055	85,200	5.7
3-D	82	175,658	78,975	5.3	33-C	9	81,445	40,723	3.2
4	99	472,970	147,150	9.9	33-G	95	5,858	2,897	.2
5-B	91	88,624	44,312	3.6	33-A	98	108,094	54,047	4.0
5-A	91	129,515	64,758	5.1	33-B	51	149,356	68,925	4.6
6	58	221,975	97,995	6.5	34	98	151,153	75,577	5.9
7	96	767,829	274,343	18.3	35-DEY	.....	58,189	29,094	8.4
10	99	270,810	112,065	7.5	35-JKLMR	89	671,763	250,920	16.7
13-AB	99	243,278	87,770	5.1	35-FGHN	99	382,387	137,220	9.1
13-C	95	201,503	66,240	4.4	37-CDE	99	301,915	159,882	8.5
13-DEF	48	794,615	229,984	12.7	37-AB	99	75,838	37,919	3.4

Projects undertaken but not yet completed—Continued.

KANSAS—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
39-AB	48	$247,463	$75,495	5.0	97	77	$35,336	$15,000	1.0
40-ABCDEF	51	550,454	136,275	9.1	98	90	84,323	22,500	1.6
40-GHI	40	242,460	44,723	3.0	99	2	265,122	89,805	6.0
41-AC	54	553,861	128,580	8.6	100	33	75,613	31,500	6.2
41-B	80	72,881	11,415	.8	101	17	111,018	30,000	2.0
43	99	579,562	187,609	24.8	102	1	239,503	77,540	4.6
44-E	99	79,913	15,750	5.3	103	2	79,022	30,000	2.0
45-E	99	66,995	21,045	7.0	104	7	90,833	39,807	6.8
46-E	26	411,738	143,940	9.6	106	.....	192,930	62,925	4.2
47-B	98	24,031	8,694	2.9	107	1	53,270	14,925	1.0
48-CHI	95	706,412	145,000	10.7	108-AB	22	126,406	59,850	3.2
52-ABD	31	381,581	120,795	8.1	108-C	11	58,459	9,825	.7
53-ABCZ	80	318,828	91,545	6.1	109-ACDF	3	171,301	78,357	17.7
54-DEZ	15	1,023,839	282,705	18.8	110	.....	72,173	31,185	2.1
54-A	15	318,976	84,000	5.6	111	6	198,520	89,220	5.9
58-A	88	545,881	119,325	8.0	112	.....	25,575	10,500	3.5
60-AB	99	206,005	103,003	7.5	113	.....	43,201	21,600	4.0
66-ABCD	30	586,029	169,035	11.3	113-A	.....	154,728	77,364	8.6
71-B	60	331,350	46,095	3.6	114	.....	18,669	9,335	5.8
72	39	122,823	46,155	3.8	115	.....	65,309	24,000	14.1
73-B	93	315,484	103,905	13.0	116-C	.....	222,751	81,625	4.8
77	91	40,088	16,250	5.7	116-D	.....	10,251	4,980	.1
78	96	98,528	49,264	8.9	117-B	.....	14,054	7,027	.6
79-A	70	76,824	38,412	3.9	117	.....	43,047	9,053	.5
79-B	7	81,462	40,731	4.1	118	.....	153,980	58,000	2.9
81	26	231,215	60,000	4.0	119	1	82,736	41,368	9.1
82-B	5	242,534	99,210	6.6	120	.....	55,447	14,175	.9
83	17	82,617	41,309	15.0	121-F	.....	13,558	6,779	.1
84	95	36,856	18,428	6.9	121	.....	551,842	113,221	25.0
85	96	88,845	30,000	2.1	122	.....	26,385	8,460	.6
86	97	182,210	50,210	4.0	123	.....	60,243	30,122	10.3
87	22	99,607	36,210	2.4	124	.....	78,226	39,113	6.3
88	40	45,297	22,648	6.8	125-A	.....	147,721	60,690	4.0
89	26	83,235	25,000	1.5	125	.....	179,888	77,010	5.1
90-A	2	243,158	75,855	5.1	127-AB	.....	241,306	104,750	7.1
92-B	.....	18,866	9,433	.3	128-A	.....	45,879	20,369	1.0
2-ACD	60	46,686	23,343	8.6	129	.....	48,465	22,716	1.1
93	12	30,353	9,860	.5	130	.....	188,540	37,500	12.5
94	25	122,220	38,877	2.2	131	.....	28,576	7,155	.5
95	.....	17,140	8,570	1.3	132	.....	41,637	15,674	3.1

KENTUCKY.

2-B	52	$116,395	$58,198	3.5	44	8	$87,551	$43,776	7.0
3-AB	99	335,545	160,821	7.8	46-C	53	106,506	53,253	7.0
3-C	97	40,770	14,797	.3	49	2	252,286	126,193	7.0
6-A	99	89,754	44,877	6.8	50	.....	228,384	83,964	4.2
6-B	99	123,700	61,850	.7	50-A	21	178,072	89,036	4.5
7-B	95	68,008	34,004	3.3	51	.....	20,432	10,216	.6
8	40	271,168	131,147	5.2	51-B	.....	48,591	24,296	2.7
10-A	93	170,641	85,321	6.4	51-A	88	78,706	39,353	9.7
11	99	336,661	168,330	17.7	52	48	327,696	163,848	9.8
17	97	233,033	116,516	6.0	56	42	354,676	177,338	18.7
21-A	96	142,548	71,274	5.2	58	28	29,304	14,652	2.4
23-C	45	375,543	187,771	9.4	61	.....	114,442	57,221	16.5
24	74	158,006	79,003	7.0	62	94	41,740	20,870	9.3
26	99	593,281	239,655	11.1	63	35	362,409	181,204	9.6
28-A	30	468,739	234,370	11.3	64	40	170,726	85,363	12.0
29-B	58	334,380	167,190	9.3	65	11	46,867	23,434	9.3
29-D	59	81,397	40,698	.1	67	.....	70,729	35,365	8.8
30-A	95	64,640	32,320	2.5	69	.....	155,556	77,778	4.5
31	83	203,901	101,951	13.6	70	.....	77,484	38,742	2.7
34	.....	90,200	45,100	8.1	71	.....	169,166	84,583	8.2
34-A	81	47,222	23,611	4.8	72	.....	91,238	45,619	10.2
35-B	20	113,772	56,886	7.9	73	.....	47,423	23,712	2.9
37-A	98	141,242	70,621	16.4	74	.....	27,077	13,538	4.2
37-B	53	137,932	68,966	12.8	75	.....	91,419	45,709	6.7
37-C	30	64,909	32,454	.1	76	.....	193,119	96,560	9.3
39	85	182,481	91,241	11.4	77	.....	170,015	85,007	9.3
41-AB	98	157,079	78,540	10.4	78	.....	367,218	183,609	18.4
42	94	66,302	33,151	4.4					

Projects undertaken but not yet completed—Continued.

LOUISIANA.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
1	100	$123,942	$61,971	16.9	53	100	$133,523	$66,761	10.5
7	35	95,982	40,000	22.3	55	92	216,163	108,082	17.6
8[3]	100	40,475	20,237	.....	56	95	111,821	55,910	13.0
10	99	105,138	51,704	9.7	60	95	99,335	49,667	4.8
19	81	191,195	95,597	11.3	62	95	435,998	200,000	35.0
23	98	146,667	73,334	11.6	63	95	733,471	200,000	32.4
27	97	122,452	61,226	8.0	64	98	153,899	76,949	9.0
30	98	119,648	35,500	10.2	66	96	334,503	167,252	21.1
32	96	397,176	198,588	35.7	68	5	349,908	170,984	9.5
33	100	116,528	58,264	13.9	85	77	460,036	200,000	35.0
38	100	214,546	107,273	17.9	111	.....	305,365	50,000	27.0
40	99	44,848	22,424	3.4	114	.....	303,239	151,619	18.7
49	100	472,123	210,696	34.4	125-B	.....	229,944	114,972	18.5
52	99	209,621	100,187	12.7					

MAINE.

6	93	$93,950	$46,975	5.9	32	.....	$47,788	$23,894	4.0
8	90	135,115	62,078	2.6	33	99	464,348	223,951	.2
11	75	322,358	146,573	7.1	35	.....	44,029	22,015	3.4
12	1	349,189	132,800	6.6	36	62	238,261	119,130	6.0
13	.....	88,998	31,400	1.6	37	10	42,751	21,376	2.5
14	97	184,843	92,421	4.7	38	98	72,840	36,420	3.2
15	60	277,630	138,815	7.4	40	.....	114,462	49,800	2.5
16	58	168,752	81,600	4.1	41	52	98,532	49,266	4.0
18	99	102,429	51,215	3.9	42	81	112,496	56,248	3.6
19	99	63,327	31,664	2.7	43	.....	93,363	43,760	2.2
20	15	47,360	23,680	1.5	44	.....	36,580	18,290	2.2
21	75	263,546	128,800	6.4	45	.....	108,560	54,280	5.7
22	100	104,763	52,381	2.9	46	.....	53,325	26,662	1.8
23	45	280,175	140,087	8.6	47	.....	11,188	5,594	.3
25	77	104,573	52,287	6.5	48	.....	100,179	50,089	5.1
27-AB	92	247,350	123,675	8.6	49	.....	76,076	38,038	4.3
29	52	181,465	90,733	5.3	50	.....	60,935	30,468	3.1
30	75	53,920	26,960	3.1	51	.....	54,591	27,296	3.1
31	.....	50,611	25,306	2.5	53	.....	82,265	35,200	1.8

MARYLAND.

13-B	85	$43,574	$21,400	1.1	64	.....	$80,736	$40,368	2.9
41-A	99	36,049	18,025	1.0	66	.....	70,855	35,428	2.2
47-B	35	43,402	21,701	5.0	67	7	94,160	47,080	3.3
48	83	104,642	52,321	3.0	68	.....	46,729	23,364	2.9
51	.....	51,054	25,527	3.9	71	.....	88,413	44,207	3.9
52	.....	68,469	30,000	2.1	72	.....	66,302	33,151	2.9
54	12	117,979	58,990	5.0	73	.....	82,423	40,000	3.6
55	.....	64,100	32,050	2.4	74	.....	120,100	35,000	4.2
57	.....	57,064	28,532	1.9	76	.....	98,861	49,430	3.3
62	10	45,142	22,571	1.3	77	.....	64,771	32,385	2.0
63	45	56,262	28,131	2.0	78	.....	61,310	30,655	2.1

MASSACHUSETTS.

9	100	$130,945	$65,472	3.1	44-B	.....	$131,449	$50,538	1.5
18	100	117,690	55,940	2.8	44-C	.....	231,542	82,915	3.8
21	100	167,178	72,740	3.6	46	.....	98,275	51,780	2.6
22	100	176,541	88,271	6.4	47	100	90,101	38,037	1.7
25	100	82,641	38,390	.6	49	.....	50,923	25,462	2.1
26-B	21	221,287	88,020	4.4	50	.....	79,850	35,260	1.8
28-B	.....	109,773	53,800	2.7	51-B	3	117,140	50,080	2.5
30	.....	248,287	84,120	4.2	52	100	197,790	64,160	3.2
32	99	204,207	102,103	3.1	54-B	.....	213,424	53,820	2.7
35	.....	224,455	91,440	4.6	56	100	130,997	42,820	2.1
36-B	.....	151,871	75,936	6.7	59	80	58,581	15,680	.8
36-C	45	172,261	86,131	8.0	61	95	258,581	107,860	5.4
39-A[4]	100	28,265	14,132	.....	62-A	27	175,221	60,180	3.0
39-B	4	200,150	66,460	3.3	62B	30	278,505	83,348	3.5
44-A	.....	82,528	29,880	1.5	63	.....	211,090	91,040	4.6

[3] Reopened for surfacing.
[4] Bridge; length less than 0.1 mile, hence not shown.

Projects undertaken but not yet completed—Continued.

MASSACHUSETTS—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
64	.....	$72,503	$21,300	1.1	80	.....	$19,993	$5,680	0.3
66	.....	74,800	23,360	1.2	80-A	1	54,478	18,180	.9
69	1	155,092	53,140	2.7	83	.....	84,106	28,040	1.4
70	25	193,231	51,000	2.6	84	.....	119,274	59,637	3.5
71	.....	95,383	36,940	1.8	85-A	.....	76,449	19,340	1.0
72	.....	210,340	61,560	3.1	85	.....	12,060	6,030	.1
73	26	270,055	135,028	6.9	86	.....	86,625	43,312	3.1
74	.....	32,467	16,233	.2	87-A	2	49,097	21,120	1.1
75	.....	13,042	6,521	.4	87	.....	15,260	7,630	.1
75-A	22	563,779	207,919	10.2	88	.....	278,575	97,180	4.9
76	.....	87,450	28,940	1.4	89	.....	158,091	77,200	3.9
77	1	66,554	20,400	1.0	89-AB	.....	219,429	70,800	3.5
78	.....	160,536	75,220	3.8	90	.....	72,985	24,895	1.2
79	.....	141,673	59,820	3.0	91	.....	123,263	19,540	1.0

MICHIGAN.

1-AB	99	$379,934	$189,967	9.9	52	1	$206,340	$103,170	6.3
1-CD	99	339,922	169,961	9.8	53	6	205,423	102,712	20.0
3	99	703,599	347,814	48.2	54-AC	5	359,556	179,778	11.6
24	98	362,038	147,278	7.9	54-B	99	199,514	99,140	5.0
25	93	140,522	70,261	8.1	55	96	116,314	58,157	2.8
26	99	119,167	59,584	7.8	57-A	97	176,811	88,405	4.5
29-A	2	297,064	148,532	9.8	57-C	.....	224,883	105,763	6.1
29-B	.....	73,837	36,919	2.1	57	.....	376,749	152,232	6.7
33-AB	85	199,145	98,144	12.9	58	60	173,656	86,828	12.0
33-CD	85	128,607	64,304	7.8	59	99	187,156	93,578	5.2
33-EF	95	75,463	37,732	5.4	60	35	146,400	73,200	15.4
35-ABCG	97	1,071,097	503,140	25.2	62	.....	614,092	307,046	15.8
35-F	.....	112,892	54,474	.4	63-A	.....	151,243	75,622	4.5
37	25	120,273	60,136	11.4	63-B	.....	132,250	66,125	4.2
38	99	843,930	370,975	16.6	64	.....	121,561	60,781	8.2
39-A	15	162,989	81,495	5.3	65	1	345,842	172,921	12.1
39-B	1	160,796	63,506	2.0	66-A	.....	173,159	86,580	6.4
41	99	556,923	200,940	10.0	66	.....	289,105	144,553	8.7
42	85	573,197	284,220	14.2	67-B	.....	328,702	164,351	17.8
43-C	30	330,221	165,110	7.9	68	.....	497,118	248,559	16.0
44-A	92	185,423	92,711	9.2	69	.....	76,340	38,170	2.3
44-B	98	307,970	153,985	7.1	71	.....	217,320	108,660	6.8
44-CD	1	173,176	86,588	6.2	72	.....	71,513	35,757	7.4
45-A	99	110,319	54,537	2.8	75-B	.....	108,932	53,402	2.9
45-B	20	101,000	50,500	2.5	76	.....	195,594	97,060	4.9
46	7	100,760	50,380	7.7	77	.....	198,213	90,000	4.5
47-A	18	117,106	58,553	3.2	78	.....	248,804	113,978	6.1
47-BC	95	183,642	91,821	5.1	79	.....	150,338	64,307	3.9
47-D	2	230,323	115,162	7.8	82	.....	80,850	40,425	14.3
49-A	12	254,000	127,000	6.5	83	.....	173,800	86,900	5.1
49-B	4	206,298	103,149	6.3	84	.....	192,654	96,327	5.4
50-A	5	399,256	199,628	8.7	85	.....	50,000	25,000	4.5
50	.....	289,463	61,052	4.3	86	.....	21,238	10,619	1.6
51-A	95	54,289	27,145	3.2	88	.....	160,252	72,418	3.1
51-B	50	88,823	44,411	6.1					

MINNESOTA.

6	99	$105,079	$38,000	26.5	91	100	$162,926	$75,000	16.4
8	100	111,068	46,157	9.0	92	99	346,300	161,549	22.5
10	100	47,298	15,840	12.0	93	95	161,287	50,000	7.1
31	98	700,578	350,289	24.1	94	99	75,524	37,000	9.9
39	100	94,156	47,000	8.3	95	97	500,232	219,640	19.0
45	100	155,347	65,000	19.0	96	99	177,812	88,906	4.7
48	98	266,500	120,000	19.6	106	50	639,924	279,000	20.8
57-A	60	114,624	57,000	19.7	107-AB	99	582,942	200,000	14.0
61	95	91,117	42,000	11.5	108	75	57,504	28,000	11.7
72	99	51,395	25,000	4.5	111	100	8,001	3,553	2.0
74-A	100	73,871	36,936	9.7	115	90	66,453	15,000	7.8
75	95	156,490	50,000	17.7	117-B	88	219,961	108,000	22.3
79	45	57,350	20,000	8.8	119-A	99	251,118	57,855	27.2
80	100	63,092	10,000	11.7	120	70	72,493	36,000	8.0
83	95	27,635	13,609	3.9	127	100	137,312	51,007	17.5
84	45	59,626	20,000	1.1	129	.....	86,201	43,000	12.8
86	100	57,030	25,000	10.5	130	100	90,811	17,103	7.7
89	100	101,854	50,927	7.4	134	100	58,721	22,364	6.0

Projects undertaken but not yet completed—Continued.

MINNESOTA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
135	10	$20,884	$10,000	3.0	208	20	$14,845	$7,000	9.0
139	100	111,047	33,000	8.1	209	.....	3,642	1,700	2.9
140	99	95,634	25,000	12.4	210	99	21,806	10,000	12.2
141	96	50,355	20,000	6.1	211	15	221,321	11,000	15.2
142	80	98,499	10,000	7.7	212	10	693,610	333,000	25.4
143	99	30,303	15,000	3.2	214	50	31,093	17,000	17.9
144	100	30,000	15,000	7.9	216	100	36,984	14,000	11.3
146	70	56,678	28,000	10.8	217	85	23,560	10,000	9.7
147	99	436,491	218,000	18.0	218	65	20,852	9,000	7.4
148	100	367,570	175,000	9.8	220	.....	10,696	5,000	4.8
149	95	71,751	32,995	9.3	222	.....	33,165	16,500	14.1
153–A	99	92,772	46,000	6.9	224	40	63,809	24,000	23.4
154	32	308,395	143,600	10.5	228	100	30,730	14,000	10.3
155	75	84,788	11,000	13.5	231	99	8,852	4,000	4.0
156	10	76,394	15,000	9.1	233	40	115,564	57,000	2.8
157	95	44,595	5,000	.8	234	30	73,200	36,000	13.5
160	100	119,134	59,000	8.4	235	80	23,734	11,000	15.5
161	100	20,251	10,000	9.9	237	98	27,764	13,000	11.8
162	10	76,072	15,000	12.1	238	40	18,063	8,000	7.7
164	100	126,919	40,000	15.4	240	85	77,264	37,000	23.4
167	75	71,648	5,000	9.0	241	100	11,029	5,000	3.6
169	99	44,975	15,000	7.4	242	80	10,763	5,000	6.9
171	75	137,359	27,500	4.7	243	15	53,489	26,000	12.1
171–A	75	18,158	7,500	1.0	244	40	82,294	33,000	5.1
173–A	99	23,338	2,000	3.9	245	30	84,212	40,000	9.1
175	75	124,884	45,000	11.0	246	8	61,749	30,000	11.1
177	99	177,239	51,000	2.6	247	1	42,317	11,000	4.5
180	95	21,916	10,000	1.0	248	20	86,614	43,000	12.6
181	60	2,949	1,450	1.1	249	40	48,411	11,000	7.3
182	5	17,390	7,500	1.0	250	15	95,363	45,000	9.1
183	95	7,960	3,000	1.0	251	20	73,521	36,000	12.1
184–A	35	37,864	18,928	6.1	252	.....	110,661	26,000	11.3
184–B	.....	18,408	9,072	2.8	253	12	88,963	40,000	6.0
188	75	44,993	3,000	5.0	255	5	383,396	35,000	8.4
189	50	20,277	10,000	1.3	256	.....	67,134	33,000	7.8
190	60	20,800	10,000	1.5	258	10	181,627	90,000	14.5
196	99	85,726	25,000	7.0	259	.....	29,032	14,500	4.0
199–A	99	88,619	44,000	5.4	262	15	46,251	9,000	9.4
200	96	25,679	12,000	2.3	263	.....	8,942	4,400	1.7
201	90	229,356	61,000	7.9	264	8	117,493	57,000	4.5
201–A		20,490	9,000	1.0	266	20	44,956	20,000	3.1
202	75	33,244	16,500	2.1	267	85	67,859	25,000	2.9
203	100	174,265	73,059	5.5	269	.....	32,091	16,000	4.0
204	99	90,474	45,000	6.4	270	.....	60,826	18,000	9.0
205	100	101,401	41,000	15.8	275	.....	24,822	10,000	4.0
206	99	612,076	306,038	17.4	277	.....	28,058	14,000	1.0
207	.....	75,872	25,000	6.1	286	.....	64,357	24,400	1.2

MISSISSIPPI.

1	80	$433,828	$216,914	23.7	101	99	$77,207	$38,603	8.5
23	48	455,095	227,547	14.3	102	38	70,637	35,319	4.2
24	99	54,871	27,436	7.0	103	80	173,327	86,663	14.4
29	54	115,927	57,964	11.3	104	.....	72,149	36,075	12.1
32	65	790,213	395,106	15.6	105	90	55,035	27,517	14.4
36	100	99,514	49,757	9.2	110	90	34,813	17,407	4.6
39	97	70,313	35,156	4.7	111	50	57,250	28,625	13.5
40	99	146,394	73,197	14.0	112	60	128,512	64,256	10.9
41	85	223,131	111,556	17.9	113	20	57,772	28,886	3.5
42	99	114,542	57,271	9.7	114	98	216,457	108,228	14.7
43	99	20,415	10,208	7.3	115–A	99	174,691	79,929	5.3
45	99	140,550	70,275	20.5	115	.....	46,943	20,071	.5
48	.....	164,886	65,910	3.9	116	20	80,128	40,064	12.1
52	70	71,572	35,786	7.8	117	85	64,447	32,223	11.5
55 [5]	100	97,733	48,866	.....	118–A	63	69,412	31,235	5.7
68–A	1	110,864	55,432	7.1	118	.....	58,730	26,428	12.3
68	.....	15,729	7,865	1.3	120	.....	338,905	169,452	14.3
75	100	72,901	36,450	5.7	122	.....	48,564	24,282	6.9
84	99	382,791	191,396	35.3	123	.....	128,469	64,235	14.2
87	1	25,112	13,056	3.1	123	.....	14,404	7,202	.2
90	12	222,821	111,410	30.9	124	25	76,668	38,334	9.6
92–B	.....	29,690	14,845	4.9	125	12	84,137	42,068	6.5
94–A	99	104,493	52,247	12.0	126	.....	65,887	32,943	2.4
96	75	189,187	94,594	5.2	127	3	87,696	43,848	9.4
98 [5]	100	84,836	42,918	.....	128	16	218,298	100,000	35.7
99	85	216,651	108,326	13.9	129	4	82,595	41,298	8.5
100	65	296,358	148,179	19.3					

[5] Reopened for resurfacing mileage previously graded and drained, hence no mileage is shown here.

Projects undertaken but not yet completed—Continued.

MISSOURI.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project. No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
5	.....	$91,836	$45,918	7.3	109-B	.....	$45,502	$22,751	3.7
6-A	43	274,443	73,869	10.5	109	.....	39,598	19,799	24.3
6-B	38	335,363	167,681	11.9	110	.....	83,058	41,529	15.7
7-B	34	161,459	80,730	6.9	111-B	6	79,360	39,680	21.2
8	47	165,299	82,650	9.4	116-A	44	93,292	46,646	1.5
10	74	211,464	52,866	27.4	116-B	1	104,696	52,348	5.9
14	97	546,575	136,644	10.7	118-A	1	66,707	33,353	4.5
15	99	191,098	95,549	19.5	118-B	.....	60,278	30,139	9.9
16	.....	142,053	71,027	8.0	122	22	76,650	38,325	4.8
29-A	.....	140,776	70,388	19.0	124	.....	74,430	37,215	7.4
23	87	91,595	45,898	5.3	127	.....	105,600	52,800	6.6
24	1	88,555	44,277	5.6	128	1	34,793	17,397	7.7
25	34	438,048	219,024	13.1	129-A	45	241,526	120,763	14.5
27	70	129,863	64,931	7.8	130	.....	219,030	109,515	22.5
30	93	90,000	45,000	11.1	131	.....	140,400	70,200	10.8
33	99	90,496	45,248	13.9	132	.....	60,430	30,215	6.0
35	96	104,089	52,045	5.9	133-B	.....	4,922	2,461	.3
36	97	65,418	32,709	9.3	133-A	.....	82,359	41,179	7.8
37-A	96	108,566	54,283	6.2	134	17	18,349	9,175	7.2
37	.....	77,748	38,874	2.0	136	82	35,965	17,982	1.0
38	.....	133,317	66,659	8.4	138	.....	72,068	36,034	16.8
39	.....	96,068	48,034	7.9	141	.....	52,352	26,176	4.1
40	57	282,927	141,463	19.8	144	.....	70,796	35,398	15.8
42	99	12,329	6,165	10.4	150-AB	60	280,225	140,113	31.3
43	60	61,993	30,997	8.2	151	.....	14,823	7,411	4.6
44-A	11	72,324	36,162	6.4	155	.....	42,400	21,200	4.6
45	1	46,211	23,106	7.4	159-B	.....	37,935	18,968	7.7
46	.....	28,703	14,352	4.5	159	.....	34,208	17,104	12.8
48	.....	462,485	171,900	8.2	159-A	.....	22,256	11,128	4.0
49	80	1,147,271	438,675	20.0	160	.....	43,008	21,504	3.4
50	2	85,175	42,587	6.2	161-D	.....	76,973	38,486	3.6
51-B	83	188,570	94,285	25.8	161	.....	60,882	30,441	45.4
51-C	.....	50,916	25,458	8.7	162	82	51,999	26,000	4.3
53	99	125,062	62,531	21.1	163	76	71,893	35,908	.5
54	32	181,537	90,768	8.9	166	6	21,997	10,998	.1
56	91	118,060	59,030	4.0	168-A	.....	45,695	22,848	1.4
57-A	92	126,333	63,167	6.3	169	5	30,483	15,241	7.0
57-B	.....	84,614	42,307	4.2	171	.....	80,657	40,328	8.5
58-C	.....	77,464	38,732	8.4	172	.....	56,053	28,027	1.8
58-A	.....	35,771	17,885	7.4	173	.....	48,305	24,153	3.1
58-B	.....	68,685	34,342	8.5	174-A	.....	107,424	53,712	10.0
59	78	281,408	136,401	15.5	174-B	.....	171,546	85,773	8.5
61	.....	136,493	52,883	2.1	178-A	.....	70,794	35,397	4.9
62	92	128,453	64,226	10.3	178	.....	4,906	2,453	2.1
66-A	36	52,674	26,337	5.4	179	40	112,253	56,127	9.0
69	.....	37,437	18,718	6.7	180	5	373,037	151,196	6.6
70	99	14,072	7,036	2.3	181	38	65,881	32,941	2.7
72	78	62,424	31,212	8.1	182	10	64,673	32,336	10.0
74-A	.....	39,499	19,750	10.4	183-A	12	95,808	47,904	9.0
77	13	688,326	329,069	15.8	183-B	.....	84,075	42,038	5.8
78	8	304,539	126,270	6.1	183-C	.....	222,717	111,359	8.4
80	13	303,001	144,928	7.0	185	.....	55,000	27,500	2.6
81	.....	3,738	1,869	.2	186	1	89,176	44,420	2.2
83	75	287,581	143,790	9.4	187	.....	133,148	66,574	14.8
84	97	234,992	117,496	6.5	188	.....	23,866	11,933	.3
86-A	.....	33,903	16,952	3.1	189	.....	17,020	8,510	4.0
87	3	125,122	56,073	5.1	190	.....	56,279	28,139	9.0
89	.....	16,210	8,105	3.7	191	.....	15,323	7,661	4.1
89-B	.....	37,354	18,677	5.1	192	.....	17,709	8,854	5.9
90-A	.....	43,118	21,559	21.4	193	.....	73,761	36,880	25.0
90-B	25	93,004	46,502	6.9	194	.....	11,911	5,956	.2
91-A	95	46,493	23,247	5.6	195	.....	12,790	6,395	1.3
96	.....	78,067	39,034	13.7	197	.....	79,828	39,914	6.0
97	.....	146,439	73,220	18.0	199	.....	174,815	87,407	6.6
98	.....	44,567	22,284	7.0	200	.....	47,300	23,650	11.9
99	24	315,707	157,854	10.6	201-B	.....	27,800	13,900	3.0
100-A	.....	10,595	5,298	2.1	202	.....	138,000	69,000	25.2
100-C	.....	28,002	14,001	3.7	203	.....	144,000	72,000	23.0
101-B	.....	216,616	108,309	16.4	205	.....	364,234	182,117	9.0
102	99	77,949	38,975	5.6	206	.....	23,680	11,840	4.4
103-A	87	44,757	22,379	5.2	208	.....	129,400	64,700	16.0
105-C	25	38,255	19,128	3.4	210	.....	14,936	7,468	1.5
105-A	1	100,337	50,168	9.6	211	.....	88,449	44,225	7.7
105-B	1	119,150	59,575	7.1	213	.....	40,690	20,345	8.0
107-A	.....	131,133	65,516	11.3					

Projects undertaken but not yet completed—Continued.

MONTANA.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
4	100	$114,160	$57,080	6.1	115	.....	$74,365	$37,182	9.2
7	100	30,387	15,193	9.0	118	100	20,167	10,084	1.7
9-A	98	67,703	33,852	5.5	120-A	55	31,232	16,566	3.0
9-B	70	52,350	27,767	4.3	121	2	54,111	9,717	.5
10	100	12,014	6,372	5.6	123	.....	55,526	27,763	8.3
13	60	35,161	17,581	4.1	130	40	90,437	47,968	15.7
33	.....	21,993	10,997	4.4	131	.....	44,298	20,703	4.2
35	100	25,394	12,697	5.7	131-A	75	47,552	25,222	2.8
40	100	33,251	16,626	2.8	132-A	.....	108,487	57,542	12.3
44-B	50	25,023	12,512	2.0	133	.....	49,440	24,720	6.0
49	90	157,591	78,796	19.8	135	.....	47,717	23,859	10.5
53-B	100	116,233	58,117	12.6	137-A	100	24,095	12,048	3.0
57	.....	51,615	22,054	1.0	138	.....	32,913	16,456	5.7
60-B	.....	26,723	14,174	2.7	139	.....	79,678	39,839	7.0
60	.....	57,098	27,945	20.8	142	.....	26,675	13,338	5.0
62	98	200,585	101,794	27.5	144	.....	37,620	18,810	6.0
63	100	145,855	72,927	19.6	145	.....	72,468	31,618	18.4
66	100	162,688	81,344	12.7	145-A	.....	50,746	26,916	7.4
67	.....	41,866	20,933	5.0	145-D	100	101,076	53,611	9.2
70-B	.....	57,339	30,412	3.8	148	.....	80,300	40,150	12.0
71	.....	29,113	14,557	1.5	150	90	123,575	65,544	.7
72 [6]	.....	25,300	12,650	.....	151	.....	110,000	55,000	15.0
73	.....	78,760	39,380	10.5	152	.....	60,225	30,113	8.0
76	60	48,946	25,961	5.8	153	.....	69,960	34,980	8.0
78	.....	69,808	37,026	10.2	154-A	.....	52,235	27,705	6.5
82-A	30	208,989	103,099	6.5	154	.....	55,565	26,195	9.5
82-D	30	12,332	14,290	1.8	155	.....	39,600	19,800	5.0
82-B	100	33,024	17,516	.1	156	.....	258,396	129,198	36.0
82-C	90	12,890	6,837	.1	157	.....	159,998	79,999	22.8
83	100	5,786	2,796	1.9	159	95	88,971	47,190	2.4
84	.....	72,377	35,285	70.6	160	.....	164,168	78,716	12.0
84-B	60	28,985	14,493	3.9	160-A	30	32,140	17,047	5.9
84-E	60	7,886	3,943	2.5	160-C	.....	77,000	40,841	12.1
84-F	89	29,722	15,764	3.5	161-AB	35	192,871	102,299	16.2
84-G	99	31,319	15,660	3.4	164	.....	19,855	9,928	2.5
84-J	100	66,417	33,208	7.4	165	.....	44,908	18,100	.9
86	100	18,844	9,422	19.7	166	.....	77,729	38,864	3.0
89	.....	19,976	9,988	4.0	169-A	10	66,541	35,294	4.2
90	97	70,361	37,320	8.1	171	.....	79,530	42,469	7.0
95-AB	100	139,668	74,080	18.2	174	.....	40,290	21,370	1.5
98	.....	19,196	10,181	2.4	175	.....	31,909	16,925	3.4
102	100	22,252	11,126	2.4	176	.....	104,683	55,524	12.2
105	100	73,630	39,053	7.0	178	.....	18,909	10,029	2.1
107	90	92,921	46,460	10.0	179	.....	9,151	4,854	.8
108-C	.....	28,692	14,346	5.5	180	.....	23,503	12,466	2.9
112	99	77,153	15,535	.5	182	.....	138,793	73,615	14.5

NEBRASKA.

2	.....	$209,097	$104,548	55.4	40	98	$40,547	$20,274	7.3
3	98	124,111	62,056	32.3	41	98	58,914	29,457	12.7
4	98	133,649	66,825	36.3	42-B	.....	35,280	17,438	5.1
5	99	128,542	64,271	47.4	42-A	96	109,275	54,638	5.9
7	99	149,988	74,994	83.7	43	98	100,192	50,096	13.9
10	99	128,284	64,142	19.1	46	98	107,310	53,655	17.1
12	98	51,088	25,544	17.1	49-E	.....	14,986	7,493	1.9
14-A	96	131,256	65,628	19.9	49-A	99	59,930	29,965	12.8
14-B	.....	34,016	17,008	.2	49-C	98	69,095	34,547	11.9
16	98	106,688	53,344	26.6	49-D	.....	25,798	12,899	4.3
18	99	123,370	61,685	37.0	50-AB	.....	112,159	56,080	19.7
20	98	303,338	135,110	15.1	52-A	95	63,026	31,513	10.0
21	95	99,822	49,911	14.6	53	.....	69,376	34,688	21.6
22	98	225,223	112,611	31.9	55-A	98	9,804	4,902	1.1
23	91	122,624	61,312	33.3	55-B	.....	18,810	9,405	10.0
26	99	54,452	27,226	16.0	56	98	167,871	83,936	49.0
29	99	120,047	58,024	37.7	57-A	.....	3,422	1,711	7.1
30	99	87,993	43,997	19.4	57	.....	30,634	15,317	3.9
31	99	60,689	30,345	16.9	60-A	98	64,030	32,015	7.6
32	98	138,829	69,415	27.3	64-A	98	67,421	33,711	9.6
33	95	111,868	55,934	11.4	66	98	233,250	116,625	24.6
34-A	98	78,042	30,147	6.0	67-A	98	25,725	12,862	4.6
35-A	98	17,390	8,695	1.9	68-A	98	62,584	31,292	4.5
37	98	61,820	30,910	12.1	70-A	.....	49,307	24,654	11.4
39	80	170,819	85,410	27.5	70-B	.....	60,397	30,199	11.2

[6] Bridge less than 0.1 mile long, hence no mileage shown.

Projects undertaken but not yet completed—Continued.

NEBRASKA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
71	98	$193,855	$96,928	24.3	130-A	95	$72,052	$36,026	12.0
72-A	98	63,003	31,502	10.4	133	.....	35,007	17,503	24.4
75	98	90,529	45,265	17.9	133-B	95	62,509	31,255	9.9
76-A	97	124,710	62,355	14.5	133-C	98	24,412	12,206	3.9
77	98	60,793	30,396	11.3	133-A	.....	54,325	27,163	16.6
78	98	106,069	53,035	11.5	134-A	98	72,408	36,204	9.7
79-A	98	105,303	52,651	13.4	135-A	97	61,855	30,928	9.9
82-A	98	100,802	50,401	8.7	136-A	95	33,076	16,538	2.1
83-B	90	69,197	34,598	16.6	139	.....	85,519	42,760	25.1
83-A	98	59,409	29,705	5.7	139-B	95	65,729	32,864	9.6
84-A	99	47,659	23,829	6.6	139-C	97	83,700	41,850	15.5
84-B	90	42,181	21,090	4.0	139-D	96	25,839	12,919	3.7
85-A	99	86,642	43,321	13.3	139-E	.....	20,314	10,157	5.5
86	85	94,977	47,488	16.5	139-F	.....	27,766	13,883	6.2
87-AB	95	41,767	20,883	11.1	143-B	33	72,198	36,099	11.5
88-C	.....	10,813	5,407	2.5	143-A	96	35,658	17,829	11.8
91-A	99	59,464	29,732	8.0	146-A	84	75,656	37,828	13.6
92-A	.....	25,489	12,744	3.4	146-B	.....	28,843	14,421	7.6
95-A	80	40,070	20,035	6.0	153-A	98	32,451	16,226	6.5
95	.....	7,340	3,670	18.4	153-B	.....	3,336	1,668	.6
97-A	98	104,313	52,157	15.7	153	.....	94,233	47,117	26.9
98-A	95	68,743	33,179	11.9	155-A	98	71,623	35,812	11.7
98-B	98	53,150	26,575	11.9	156	.....	14,085	7,043	3.7
98-C	.....	18,709	9,354	8.8	156-A	97	60,619	29,467	11.0
100	99	77,147	38,574	10.3	156-B	98	32,580	15,762	12.1
102-A	96	128,364	64,182	8.7	164-AB	.....	51,167	24,524	14.5
103	98	150,084	75,042	.5	164	.....	79,097	39,549	14.2
104	99	11,791	5,896	3.0	168-AB	.....	104,631	52,316	21.7
107-B	98	75,625	37,812	4.7	169	.....	28,151	14,075	6.5
107-C	99	54,139	27,069	3.7	170-A	.....	92,827	46,413	19.1
107-A	95	45,380	22,690	8.2	170	.....	31,623	15,811	9.4
108	.....	90,439	45,219	27.9	171	.....	26,331	13,166	8.4
110-A	93	71,349	35,674	4.9	171-A	98	53,496	26,748	12.5
110	.....	15,586	7,793	1.1	172	.....	90,987	45,494	13.4
111-A	96	46,639	23,320	6.2	175-A	98	108,933	54,467	11.3
111	.....	3,521	1,760	5.3	175-B	.....	100,200	50,100	10.9
112	98	86,942	43,471	16.7	176	.....	52,728	26,364	5.2
113	95	95,171	47,586	6.7	177	33	105,544	52,772	16.4
115	98	94,104	35,860	1.8	179	98	16,800	8,400	.1
116-A	.....	23,328	11,623	4.3	180	.....	29,745	10,394	6.0
117-A	.....	10,253	5,127	2.1	181	.....	24,856	12,428	6.0
118-A	98	82,281	41,140	13.3	182	.....	39,251	11,696	9.1
118-B	98	76,698	38,349	9.9	183	.....	71,748	26,730	13.0
121	89	36,839	18,420	11.2	184	.....	44,742	22,371	11.4
122	.....	8,118	4,059	15.6	184-A	.....	31,311	15,655	13.7
122-A	94	100,926	50,463	18.4	186-A	.....	39,764	19,882	9.6
123	98	69,744	34,872	1.5	187	.....	77,217	38,609	12.2
125-A	98	108,385	54,193	7.8	188-A	.....	53,444	22,022	10.2
126-A	48	43,680	21,840	11.7	189	.....	10,164	5,082	.8
128-A	98	68,084	34,042	7.2	191	.....	29,320	14,660	6.8
130-B	.....	53,040	26,520	16.3	196	.....	34,639	17,320	6.6

NEVADA.

3	98	$95,650	$47,825	7.6	31	.....	$110,967	$55,483	12.2
4	.....	22,321	11,161	4.0	32	7	36,759	32,061	7.5
6	98	76,973	38,487	12.5	33	15	99,479	86,766	7.0
8-A	71	62,710	44,851	4.2	34	31	108,049	94,241	8.3
10	.....	107,361	93,640	15.0	36	25	328,471	328,471	15.6
12	100	9,458	8,249	2.3	37	.....	156,448	78,224	12.9
13	.....	40,700	20,350	25.0	38-A	57	45,329	22,664	2.4
14	98	12,113	10,565	3.5	39	.....	37,962	18,981	11.6
15	.....	60,350	30,175	8.3	40	.....	51,218	25,609	12.9
16	100	55,949	48,799	8.5	41	.....	43,927	21,963	15.4
18	.....	145,063	126,524	20.5	42	29	109,559	95,557	8.0
19	80	179,685	107,746	27.7	43	.....	135,984	67,992	11.4
20	.....	11,735	5,867	2.0	44	.....	198,661	173,277	23.0
22	16	108,824	54,412	6.3	45	.....	35,558	31,014	5.0
24-A	79	154,323	106,781	10.4	46	.....	26,257	22,901	8.5
24-B	.....	45,467	39,657	5.4	47	.....	18,052	15,745	3.3
25-B	53	28,329	24,709	1.0	48	.....	67,093	55,123	1.6
25-A	69	13,745	9,131	.3	49	.....	54,950	43,261	1.2
25	.....	139,929	57,162	3.4	58-A	.....	116,772	101,849	13.0
26-A	.....	144,699	126,207	3.7	58	.....	17,809	15,533	.2
29-B	99	245,062	115,600	5.8	60	.....	19,798	16,956	.5
30	49	143,868	69,600	3.5					

Projects undertaken but not yet completed—Continued.

NEW HAMPSHIRE.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
41	60	$9,963	$4,981	0.4	136-G	.....	$13,270	$6,635	1.0
42-B	.....	5,471	2,736	.3	137	1	30,000	15,000	1.3
53	99	44,692	22,346	3.1	138	.....	76,651	28,747	.7
53-B	.....	8,796	4,398	.5	139	.....	29,441	14,721	2.0
61	100	21,193	10,596	1.6	140	.....	14,333	7,167	.9
74	90	19,319	9,660	1.3	141	1	101,409	50,704	3.1
75-A	75	10,003	5,001	.7	142	30	8,764	4,382	.5
75-B	.....	15,791	7,895	.9	143	.....	36,913	18,457	1.7
92	80	8,013	4,007	.5	144	.....	38,686	19,343	1.5
101	62	74,185	37,093	2.2	145	.....	34,619	17,309	.8
102	55	10,095	5,048	.9	146	.....	22,763	11,381	1.5
111	65	48,105	21,000	4.4	147	.....	11,414	5,707	.1
112	85	17,409	8,380	.1	148	.....	38,847	19,424	1.9
114	67	24,887	12,444	1.4	149	.....	76,750	37,600	1.9
121	99	20,001	10,000	1.1	150	.....	13,661	6,830	.7
123	.....	7,992	3,996	.3	151	.....	23,176	11,588	.9
127	90	38,674	19,337	1.0	152-A	.....	37,680	18,840	.....
131	.....	17,995	8,997	.7	152-B	.....	37,051	18,525	1.5
134	55	9,493	4,747	.5	153	.....	20,419	10,210	.7
136	80	22,734	11,367	1.6	154	.....	16,053	8,026	.7

NEW JERSEY.

3	100	$207,054	$76,800	3.8	32-C	55	$84,818	$35,100	1.8
10	85	138,472	50,047	2.0	34	35	275,190	136,200	6.8
16	50	233,711	42,740	2.1	35	75	215,410	100,600	5.0
17-A	99	266,322	66,260	3.3	37	7	232,498	91,124	4.8
19-A	100	122,382	28,800	1.4	39	.....	166,968	77,500	3.9
20-A	.....	5,108,403	1,380,759	.8	39-A	.....	119,797	33,600	1.7
24-B	70	130,320	59,600	3.0	39-B	.....	153,828	58,200	2.9
26	100	157,402	47,680	2.4	40-AB	.....	245,880	97,460	4.9
27	35	558,636	140,600	7.0	40-C	.....	320,572	99,340	5.0
32-A	74	236,848	76,260	3.8	41-A	5	237,851	75,120	3.8
32-B	86	189,703	54,940	2.7	41-B	4	347,805	111,520	5.6

NEW MEXICO.

1-C	48	$76,764	$38,382	13.5	56	.....	$101,892	$62,672	8.0
1-D	48	66,815	41,097	11.6	57	95	48,785	30,007	14.2
4	98	116,117	58,059	20.6	58	88	81,754	50,285	57.9
13-A	98	94,900	47,450	10.9	59	85	84,545	52,002	54.1
13-B	.....	106,168	65,302	16.4	60-B	31	136,418	83,908	20.9
14-A	5	13,295	8,177	3.9	61-A	99	28,576	14,288	.4
14	.....	19,242	8,092	2.4	61-B	21	137,908	84,824	6.7
18	95	118,493	59,247	32.4	62	.....	104,399	64,213	4.8
20-A	.....	59,330	29,665	2.8	63	10	96,190	59,165	13.0
21	.....	96,000	48,000	8.0	64	20	63,785	39,232	11.9
22	74	160,523	80,261	17.9	65	98	64,888	32,444	.6
23	96	38,678	19,339	8.7	66	92	123,788	76,139	6.8
24	99	106,903	53,452	11.4	67	63	80,223	49,344	10.1
25	98	153,993	76,996	15.4	68	19	38,544	23,708	5.9
26	24	10,105	6,215	9.6	69	25	39,175	24,096	12.1
27	97	207,097	103,548	22.6	70	70	21,680	13,335	14.2
28	75	309,914	154,957	15.4	71	.....	21,468	10,734	1.5
29	98	82,941	41,470	20.5	72	.....	61,944	38,100	9.3
30	.....	64,225	32,112	47.7	73	.....	42,904	21,452	8.0
31	99	23,360	11,680	3.9	74	2	69,712	42,879	7.6
32	99	157,970	78,985	15.1	75	.....	126,740	77,955	26.2
33	99	215,232	107,616	12.7	76	.....	62,285	31,142	14.2
34-B	90	124,404	62,202	12.0	77	.....	50,215	25,108	13.5
35	65	89,193	54,861	14.5	78	.....	87,789	53,997	17.7
38	.....	70,133	35,067	11.1	79	5	86,330	53,099	33.8
39	97	167,065	83,533	.4	80	25	45,218	27,813	9.8
40	63	61,114	37,596	6.8	81	.....	67,425	41,471	12.8
42	98	55,778	27,889	17.2	82	.....	84,904	42,452	16.0
44	98	48,960	24,480	8.0	84	.....	137,609	84,640	21.1
45	98	43,781	21,890	5.6	85	.....	57,140	35,145	10.3
48	98	67,453	41,489	16.4	89	.....	108,284	66,603	19.3
50	74	75,730	37,865	15.3	89	.....	62,783	31,391	17.0
51	98	69,062	34,531	10.6	90	.....	39,849	19,924	9.0
52	48	75,908	46,689	11.3	92	.....	36,225	22,281	10.4
53	95	56,846	34,965	35.7	93	.....	38,951	23,958	8.3
54	85	116,082	71,400	33.4	95	.....	44,002	27,065	10.2
55	65	30,565	18,800	4.3	102	.....	130,296	80,142	6.0

Projects undertaken but not yet completed—Continued.

NEW YORK.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
3	100	$222,800	$111,400	5.6	120	17	$187,200	$70,600	3.5
5	82	281,407	140,704	7.3	123	40	137,000	68,500	3.5
6–C	.....	163,200	81,600	4.1	124	23	298,700	83,545	6.8
11	18	103,200	51,600	2.6	125	30	169,000	67,165	3.7
12–A	60	119,560	59,780	3.0	126	.....	205,400	69,400	4.3
12–B	.....	141,600	70,800	3.5	127	25	201,376	87,738	4.4
13	75	260,000	118,000	6.5	129	80	104,000	52,000	4.4
16	30	279,600	115,800	7.0	131	60	149,600	52,360	3.0
18	78	238,000	119,000	6.0	132	97	81,060	19,255	.7
26	.....	111,200	55,600	2.7	133	100	31,900	15,950	1.6
28	1	323,200	161,600	8.1	134	30	143,000	71,500	6.5
29–A	15	223,200	60,120	5.0	136	98	80,100	40,050	2.7
29–B	25	223,000	66,050	4.9	141	28	91,300	45,650	2.9
29–C	13	233,400	81,690	4.9	144	100	100,400	50,200	3.4
30–C	.....	450,200	137,275	2.4	146	.....	157,500	78,750	4.0
31	62	457,200	228,600	11.4	149	.....	111,900	55,950	3.1
32	26	447,800	201,900	11.3	150	97	55,100	17,908	1.3
33	.5	293,430	102,701	10.3	151	1	163,900	53,268	3.9
35	15	334,800	146,400	8.4	154	96	45,600	22,800	1.1
36	40	174,000	87,000	4.4	156	25	179,500	77,750	4.6
38	5	352,152	176,076	11.5	157	9	202,200	83,100	7.6
39	51	289,906	132,953	7.3	159	.....	83,350	21,363	.5
40	37	318,200	111,370	9.4	160	3	96,400	48,200	4.5
43	1	227,566	113,783	6.8	161	55	70,400	35,200	1.8
46	99	114,900	40,215	2.5	162	97	49,800	24,900	2.0
47–B	.....	297,000	103,950	7.6	163	22	270,640	109,320	6.8
47–A	24	256,600	89,810	5.0	164	85	175,000	87,500	4.9
50	39	407,000	126,450	9.2	165	.....	76,000	38,000	1.9
55	1	195,471	97,735	5.5	166	100	80,000	40,000	2.7
56	.....	191,300	70,000	4.9	167	8	44,000	22,000	1.1
57	26	85,400	29,890	2.1	169	.....	147,900	51,765	3.7
59	100	157,600	78,800	3.9	171	.....	396,000	138,600	10.1
60	9	43,600	21,800	1.1	172	.....	110,000	55,000	2.8
62	75	81,700	20,425	.7	173	.....	118,800	41,580	3.0
64	100	345,900	121,065	9.1	174	.....	141,800	49,630	3.6
65	10	413,300	159,445	10.6	175	6	185,800	65,030	5.5
66	2	269,000	72,150	5.7	176	.....	254,000	127,000	6.8
67–A	4	301,000	83,350	5.9	177	.....	175,300	61,355	4.7
67–B	.....	230,600	80,710	5.0	178	.....	226,000	79,100	6.5
69	55	592,600	207,410	10.6	179	.....	106,100	37,135	2.9
70–A	80	181,400	77,000	3.9	180	.....	158,600	55,510	4.2
70–B	70	37,956	18,978	.1	181	1	109,200	54,600	3.6
71	3	140,000	52,000	3.5	183	.....	352,800	176,400	8.8
72	.....	68,900	24,115	1.4	184	.....	360,000	144,000	9.0
73	40	414,900	182,450	10.5	185	.....	243,300	85,155	6.0
74	70	165,200	82,600	4.1	186	.....	79,700	39,850	2.2
76	45	236,300	79,600	4.0	187	.....	165,000	82,500	4.3
80	8	358,500	100,475	8.0	188	.....	61,000	21,350	2.0
81	38	196,200	68,670	4.6	189	.....	98,896	44,648	2.4
82	.....	228,000	79,800	4.0	190	.....	26,500	9,200	.6
83–A	.....	238,400	81,200	6.0	191	.....	26,800	6,700	.1
83–C	2	277,100	110,550	7.1	192	.....	206,800	72,380	5.7
83–B	.....	224,000	112,000	6.9	193	.....	298,000	149,000	8.4
83–D	.....	24,350	6,475	.1	194	.....	500,000	175,000	10.1
84	.....	310,000	108,500	9.4	195	.....	220,700	77,245	7.3
88	13	104,200	52,100	2.6	196	.....	123,400	61,700	3.5
89	.....	290,000	101,500	7.2	197	.....	201,500	70,525	4.6
90	5	340,000	170,000	8.5	198	.....	201,500	70,525	6.6
92	50	87,000	30,450	2.4	199	.....	335,200	129,600	6.5
94	.....	82,500	41,250	2.0	200	.....	227,800	79,730	5.3
94–A	.....	85,500	42,750	2.2	201	.....	22,860	8,001	.6
96	9	421,000	108,350	9.4	202	.....	95,000	47,500	2.7
98–B	.....	298,000	104,370	5.2	203	.....	92,000	32,200	2.3
98–A	20	237,700	83,195	4.2	204	.....	160,000	56,000	4.0
99	99	374,268	130,994	6.8	205	.....	231,500	81,025	4.2
106	.....	262,400	131,200	6.7	206	.....	61,500	30,750	1.7
107	27	196,900	68,915	4.1	207	.....	52,000	11,475	.1
108	48	243,900	85,365	5.5	208	.....	65,000	16,000	.3
109	17	230,300	80,605	5.5	209	.....	28,100	14,050	1.0
110	24	173,800	60,830	5.4	210	.....	72,000	25,200	2.6
112	50	215,500	91,750	6.5	211	.....	60,000	30,000	1.5
113	13	129,607	64,803	3.8	212	.....	63,300	20,573	1.5
114	25	426,000	132,100	8.8	213	.....	82,000	41,000	2.2
115	12	203,000	73,135	5.4	214	.....	271,600	135,800	6.9
116	.....	220,500	99,800	5.0	216	.....	51,250	25,625	1.5
118	80	106,600	38,900	1.9	217	.....	58,400	18,980	1.7
119–B	.....	152,800	53,480	4.9	218	.....	154,300	77,150	3.9
119–A	.....	44,900	15,715	1.4	219	.....	119,700	59,850	3.0

Projects undertaken but not yet completed—Continued.

NEW YORK—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project. No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
220	.....	$73,000	$36,500	2.4	228	.....	$65,400	$32,700	3.0
221	.....	120,000	60,000	3.0	229	.....	155,000	54,250	3.9
222	.....	73,600	36,800	2.0	230	.....	75,900	24,668	2.4
223	.....	96,800	48,400	3.0	231	.....	160,600	80,300	4.7
224	.....	49,500	24,750	1.3	232	.....	62,200	31,100	3.2
225	.....	85,000	42,500	2.5	233	.....	21,500	10,750	.5
226	.....	91,900	45,950	3.2	235	.....	178,200	57,915	5.1
227	.....	311,500	155,750	8.9	240	.....	100,000	50,000	2.5

NORTH CAROLINA.

4	88	$21,089	$10,000	9.5	81-B	99	$273,440	$136,720	26.1
15	.....	26,834	10,000	14.6	82	99	62,455	31,227	4.5
16	99	64,705	30,000	14.3	84-A	100	128,194	64,097	8.4
17	98	101,386	50,000	17.6	86-A	99	98,455	49,227	3.1
27-A	100	53,946	26,973	8.0	86-B	87	332,309	166,154	.8
30	100	102,551	26,900	6.3	93	99	192,994	96,497	19.8
34	98	50,798	25,399	.1	94-A	76	190,375	95,188	5.0
37	99	167,173	83,587	10.4	96-A	96	82,653	41,327	2.9
38-A	100	322,608	117,113	10.9	96-B	20	12,345	6,173	.1
38-B	100	256,090	97,069	6.7	98-BC	99	62,275	31,138	13.3
41	95	94,681	25,000	9.0	98-A	99	267,505	133,753	20.5
48-B	100	44,750	22,375	2.7	99-A	98	126,718	63,359	12.7
49	88	199,872	60,000	6.0	99-B	98	259,932	129,966	21.8
51	100	87,603	43,802	2.3	100-AB	70	272,090	136,045	14.0
53	98	246,838	95,000	7.2	103	98	111,931	55,966	11.3
57	100	77,169	38,584	7.2	105	98	95,502	47,751	9.8
58	99	69,454	34,727	6.0	107	99	70,910	35,455	2.5
59-A	99	106,872	53,436	11.0	109	100	55,192	27,596	3.6
60	85	259,445	95,000	7.9	112	98	147,066	73,533	11.9
61-A	88	130,604	46,200	2.2	117	98	41,829	20,914	6.3
61-B	50	104,238	52,119	.1	120	90	117,722	58,861	23.7
62	95	139,191	69,596	3.4	125-A	71	172,258	86,129	5.0
66	96	105,296	52,648	6.2	127	78	33,780	16,890	7.6
68	99	305,226	152,613	27.4	129	97	77,507	38,754	17.2
69	75	231,409	115,705	9.4	136	100	75,081	37,540	7.0
70-A	88	150,018	75,009	4.8	137	.....	397,520	126,744	10.6
71	96	319,153	143,011	6.7	139	.....	126,823	45,000	3.5
73	99	159,913	79,957	8.7	140	.....	620,639	176,540	19.1
74-B	100	63,411	31,706	4.9	144	.....	378,438	111,400	9.2
75	88	66,605	33,303	7.0	145	.....	265,665	126,642	9.6
78-A	100	88,231	44,115	9.6	146	.....	249,665	104,410	7.8
78-B	100	146,265	53,000	10.2	147	.....	192,736	88,232	6.2
80-A	100	185,823	92,912	16.5	148	.....	283,562	78,000	7.5
80-B	98	65,145	32,573	11.1	149	.....	305,580	150,000	11.2

NORTH DAKOTA.

2	.....	$41,149	$20,488	0.1	37-CD	.....	$53,245	$26,623	10.9
5	98	32,079	16,039	24.9	38	100	45,170	22,585	9.2
6	99	31,342	15,671	5.5	39-BC	100	73,263	36,631	10.2
8	99	66,026	33,013	9.3	40	99	24,769	12,385	8.0
9	98	20,541	10,270	3.6	41	35	68,792	34,396	20.9
10	98	18,009	9,004	5.0	42	90	28,440	14,220	5.2
11	75	10,372	5,186	7.6	46	95	35,935	17,967	4.0
12-E	.....	921	461	.6	47	.....	22,416	11,208	6.9
12-ABCD	99	73,961	36,981	23.4	48-A	65	47,806	23,903	5.7
15	95	106,130	53,065	31.4	48-BC	60	84,887	42,444	15.6
16	70	63,553	31,776	6.6	49-ABCD	71	78,159	39,079	22.1
17-AB	97	84,717	42,358	18.7	51	99	61,198	20,100	1.0
18-AB	100	50,398	25,199	4.5	54	100	23,155	11,577	3.2
19	70	106,098	53,049	19.9	55	100	39,636	19,818	6.0
20	70	117,375	58,688	17.0	56-GH	60	30,351	15,175	8.0
21	90	30,222	15,111	17.7	56-D	.....	19,350	9,675	6.0
22	60	117,537	58,769	17.5	57-AB	80	59,365	29,683	10.5
26	95	20,536	10,268	5.0	58	85	109,136	54,568	19.0
27	75	171,499	85,750	24.0	59	88	67,135	33,568	14.4
28-A	85	84,969	42,484	17.9	61	.....	38,500	19,250	12.5
28-B	50	58,237	29,119	9.1	62	97	72,030	36,015	10.0
31	99	37,406	18,703	4.8	63-AB	87	95,999	48,000	10.0
35	92	88,309	44,155	22.1	66	100	33,172	16,585	6.3
36-EFG	98	58,564	29,282	18.7	70	95	38,188	19,094	5.1

Projects undertaken but not yet completed—Continued.

NORTH DAKOTA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
71-ABC	45	$97,067	$48,534	15.9	112-B	.....	$23,047	$11,523	9.9
73-ABC	100	83,123	41,561	17.0	112	.....	64,403	32,202	10.1
74-AB	65	40,964	20,482	8.1	113-AB	65	39,770	19,885	8.1
75-ABC	99	125,853	62,926	15.5	114-AB	40	59,213	29,607	10.9
76-ABCD	98	115,425	57,712	23.2	115	.....	13,860	6,930	3.0
77-ABC	90	89,152	44,576	14.9	116-ABC	.....	35,805	17,902	16.3
78-AB	100	75,645	37,822	10.1	117-AB	63	32,144	16,072	9.4
79-AB	5	44,531	22,266	11.2	118	85	41,300	20,650	10.5
80-D	.....	75,194	37,597	19.1	119	90	38,290	19,145	4.7
81-AB	100	125,163	62,582	13.1	120-AB	60	81,420	40,710	11.6
83-AB	58	66,172	33,086	8.2	121-AB	95	39,059	19,530	10.9
84-AB	10	68,863	24,432	11.9	122	.....	26,818	13,409	10.1
84-CD	35	93,615	46,807	10.8	124	.....	40,359	20,179	10.1
85	.....	57,241	28,620	14.7	126	.....	50,820	25,410	10.0
87-ABC	82	104,719	52,360	14.8	127	.....	34,650	17,325	7.5
88-AB	96	70,953	35,476	11.3	130	.....	19,012	9,506	9.0
89-AB	99	77,767	38,884	12.0	132	.....	37,950	18,975	6.0
90	5	36,763	18,381	10.2	133	.....	45,899	22,949	11.8
91	90	60,689	30,345	8.2	134	.....	18,425	9,213	2.5
92	100	16,268	8,134	4.0	135	100	29,392	14,696	7.3
93	90	32,946	16,473	8.0	136	.....	74,757	29,782	1.1
94-ABC	100	87,187	43,594	15.0	137-A	95	54,897	27,449	7.8
95-AB	95	67,795	33,897	12.4	137-B	.....	19,271	9,635	.3
96	70	28,606	14,303	6.5	138	.....	6,703	3,351	4.0
97-AB	82	53,700	26,850	12.0	139	.....	51,546	25,773	10.8
98-ABC	77	74,676	37,338	14.4	141	.....	30,578	15,289	12.5
100-A	97	1,323,996	661,998	.5	142	.....	57,504	28,752	16.1
100	.....	52,881	26,440	.6	147	.....	47,163	23,581	15.9
101	100	20,027	10,013	6.0	148	.....	27,084	13,542	12.0
103	60	32,098	16,049	4.0	149	.....	7,750	3,875	3.4
106	1	24,980	12,490	7.4	154	.....	10,974	5,487	.1
107	.....	38,542	19,271	6.0	155	.....	23,560	11,780	5.8
108-A	.....	18,762	9,381	5.8	156	.....	7,454	3,727	.5
108-B	40	19,781	9,891	6.3	157	.....	12,616	6,308	5.0
108-C	90	10,649	5,324	4.0	159	.....	15,267	7,633	8.5
109-AB	70	52,304	26,152	10.2	160	.....	24,891	12,445	7.0
109	.....	20,406	10,203	5.8	164	.....	16,500	8,250	5.0
110	.....	16,814	8,407	4.7					

OHIO.

6	100	$68,000	$24,600	2.5	148	.....	$175,491	$66,900	6.0
20	99	119,000	40,000	3.4	151	69	189,700	88,000	5.5
21	99	40,600	20,300	1.3	152	37	165,000	41,000	4.2
22	99	119,000	59,500	3.1	153	34	240,600	120,300	7.0
25	100	80,262	40,131	4.6	158	99.9	167,000	52,500	3.4
49	94	82,000	41,000	3.3	160	.....	92,000	37,500	3.9
60	99	162,400	36,200	9.7	161	.....	68,500	30,000	2.5
68-R	94	81,600	40,800	3.1	162	99	133,500	22,000	2.6
68-Q	52	51,200	25,300	1.8	164	65	143,000	33,000	3.1
69	.....	101,377	32,600	3.1	165	70	130,000	48,000	4.5
75	95	139,200	40,000	3.8	166	97	89,000	33,000	3.2
76	70	106,000	40,000	4.5	168	43	81,797	36,400	2.2
77-D	99	70,269	15,500	1.6	169	95	68,000	25,000	2.2
77-E	85	102,500	27,800	1.4	171	92	160,000	80,000	6.5
80	.....	100,000	50,000	3.0	175	56	220,000	82,000	5.4
82	.....	166,994	54,600	2.7	176	85	324,500	68,400	5.2
93	100	186,000	92,500	6.2	182	.....	109,998	22,000	2.0
97-DEF	70	220,000	67,100	9.5	183	.....	187,710	51,000	4.1
98	41	396,000	83,120	4.2	187	.....	95,324	39,500	2.3
99	.....	112,842	45,260	2.2	193	.....	290,000	69,000	4.7
101	71	119,000	48,000	6.3	194	.....	122,093	44,100	3.0
104	95	60,000	18,000	4.6	195	.....	252,936	88,200	5.2
108	77	300,768	135,100	10.1	200	5	56,545	22,660	1.7
109	99	418,000	93,300	6.2	201-B	.....	127,656	63,828	3.5
111	78	406,000	148,000	7.4	202	17	96,778	19,500	3.6
112	90	120,000	42,500	2.3	203	32	345,000	134,000	6.7
116	70	186,000	82,500	5.8	204	.....	109,000	40,000	2.0
119	.....	127,508	62,300	5.8	206	.....	160,610	79,900	4.9
120	.....	153,694	37,100	4.4	207	.....	235,000	58,800	4.1
123	99	251,000	46,700	4.7	208	99	123,000	30,000	2.6
124	.....	159,473	79,737	5.3	210	1	122,200	45,400	3.4
126	99	245,000	31,000	4.1	211	.....	161,532	70,900	3.9
127	95	250,000	61,000	5.1	212	65	106,000	53,000	.1
143	.....	167,838	9,000	5.6	213	.....	131,748	31,300	4.8
145	.....	101,311	37,800	3.0	214	3	109,300	38,000	3.0

Projects undertaken but not yet completed—Continued.

OHIO—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
218	63	$106,755	$15,000	3.3	248	.....	$139,761	$64,300	3.9
221	.....	62,951	10,000	2.7	250	.....	117,188	58,250	3.1
222	5	131,700	65,450	3.3	251	.....	137,387	68,694	4.2
223	75	194,334	97,167	8.6	252	.....	29,515	14,750	1.6
224	11	171,847	84,720	4.2	253	.....	110,000	45,560	2.3
225	.....	90,539	45,269	2.9	254	.....	49,512	23,637	1.0
226	1	142,875	64,900	3.9	255	.....	20,461	10,200	2.0
227	.....	264,643	106,100	6.5	256	.....	155,531	53,700	7.1
228	.....	143,603	71,800	4.4	257	.....	201,112	100,540	5.7
231	.....	70,071	35,035	2.2	258	.....	311,530	118,850	11.8
235	.....	236,773	106,200	6.6	259	.....	93,776	34,500	3.5
236	.....	97,023	37,100	3.1	260	.....	18,837	9,418	3.0
237	.....	240,659	113,000	6.3	261	.....	18,383	9,191	2.3
238	.....	220,723	110,200	6.7	262	.....	200,000	70,000	6.3
239	7	196,111	63,850	6.2	263	.....	200,000	77,000	3.3
240	.....	233,407	93,028	6.0	264	.....	193,281	96,640	6.2
243	.....	257,000	124,940	6.2	265	.....	129,048	49,640	2.7
243-A	.....	250,700	125,000	6.6	266	.....	320,513	63,900	7.5
245	.....	75,537	37,769	1.9	268	.....	150,826	67,500	3.5
246	.....	414,135	198,437	.6	269	.....	173,613	86,800	4.7
247	.....	248,240	113,950	8.5	270	.....	152,069	64,200	3.3

OKLAHOMA.

1	1	$354,521	$177,261	0.4	40	.....	$743,193	$362,283	50.7
2	80	205,999	102,999	27.4	41-A, B, C	65	1,048,069	503,967	52.7
5	95	233,694	116,825	14.7	42-B	99	353,387	149,616	7.2
9	95	34,607	17,304	.1	43-AB	15	92,893	46,446	5.0
10	100	127,112	63,556	.2	44	80	31,372	15,686	1.0
12	.....	1,993,552	680,000	64.3	47-A	55	271,840	135,920	17.5
15	50	514,769	250,000	12.8	48-A, B, C, D	15	229,317	114,658	13.9
17	80	362,254	181,127	.2	49	90	53,461	26,730	.1
18-DD, I, J, M, BT	99	275,485	137,742	23.3	51-A, B, C	34	622,201	278,498	.9
19-D	97	711,423	283,115	13.0	52	2	384,370	175,322	.5
20-AB, KL	90	140,367	48,845	2.2	53-A, B, C	31	944,855	310,000	23.0
20-G, H, I, J	80	148,841	51,880	2.6	54	.....	45,000	22,500	.2
20-OP, PQ	80	65,610	29,980	1.5	55	.....	31,665	15,832	2.0
20-BC, FG	.....	123,037	61,518	4.0	56	.....	70,028	35,000	6.2
20-CD, DE, EF	.....	254,918	119,940	6.0	57	.....	67,210	33,605	5.5
21	98	482,377	214,812	22.4	59	.....	55,101	27,550	12.0
25-B	85	52,007	25,978	.2	61	.....	29,458	14,729	2.0
28	75	172,946	86,473	1.0	62	.....	120,436	60,218	2.6
32	95	235,974	117,987	17.6	66	.....	20,000	10,000	4.0
33-A$_2$, B, D, E	60	468,003	230,077	45.2	69	.....	100,000	50,000	5.0
36-A	.....	4,621	2,311	.4	71	.....	37,266	17,061	1.0
39-A, B, C, D	70	350,000	175,000	16.0	72	.....	36,000	18,000	8.8
					76	.....	114,784	57,392	10.0
					135-C	.....	10,821	1,000	.4
					135-B	.....	33,000	19,000	.4

OREGON.

18	99	$145,210	$72,605	5.5	62	.....	$146,058	$89,295	13.6
34	90	127,139	63,569	12.8	64	10	156,681	95,790	9.7
50	96	247,929	123,965	8.0	66	56	275,748	168,583	27.0
57	.....	274,082	167,564	9.4	67	22	71,720	43,847	15.5
58	36	126,772	77,505	5.0	69	.....	132,438	80,968	.2
59	.....	158,959	97,182	5.7	70	.....	141,111	86,271	2.8
61	2	356,505	217,955	11.1	71	.....	121,560	74,317	7.9

PENNSYLVANIA.

15-C	.....	$367,522	$102,080	5.1	47	83	$355,114	$154,280	7.4
16	100	134,923	66,600	3.3	53	100	310,039	113,560	5.7
23	100	358,039	129,800	6.5	55	100	386,358	157,840	7.9
33	100	176,867	85,000	4.3	65	65	440,394	121,160	6.1
37	99	254,067	122,000	6.1	66	89	578,120	289,060	13.2
40	100	488,304	207,490	10.1	67	100	311,605	144,573	6.2
44	100	285,949	122,000	6.1	70	100	333,635	111,880	5.6
45	99	237,271	105,800	5.3	72	100	533,962	174,800	8.7

Projects undertaken but not yet completed—Continued.

PENNSYLVANIA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
74	88	$395,288	$132,000	6.6	119	3	$277,105	$105,720	5.3
75	65	476,706	134,780	6.7	120	.....	704,895	242,200	12.1
78	100	554,859	141,880	7.1	121	1	493,630	218,400	10.9
81	45	287,574	79,460	4.0	122	19	347,980	142,200	7.1
84	74	282,182	77,300	3.9	123	41	101,726	43,100	2.2
85	100	507,519	158,160	7.9	124	2	234,481	93,900	4.7
93	100	356,536	98,780	4.9	125	4	155,288	68,800	3.4
96	100	393,046	92,540	4.6	126	29	281,558	136,900	6.8
100	100	338,730	96,560	4.8	127	57	690,088	172,420	8.6
101	37	561,906	148,420	7.4	128	41	953,149	272,580	13.6
102	75	291,051	70,520	3.5	129	30	428,976	120,200	6.0
103	95	249,801	73,820	3.7	130	2	269,840	105,460	5.3
104	95	419,659	121,960	6.1	131	.....	112,080	55,240	2.8
106	85	322,841	98,920	4.9	132	.....	223,450	103,960	5.2
110	95	279,371	89,060	4.5	133	.....	163,325	66,100	3.3
111	70	504,428	146,080	7.3	134	.....	190,434	85,640	4.3
112	82	464,303	123,960	6.2	135	.....	338,863	165,400	8.3
113	1	146,066	64,840	3.2	136	6	576,809	196,000	9.8
114	8	447,994	150,000	7.5	137	5	297,145	114,180	5.7
115	3	232,155	95,200	4.8	138	.....	130,096	50,620	2.5
116	.....	224,004	103,800	5.2	139	5	194,752	79,740	4.0
117	1	416,253	127,600	6.4	140	.....	248,906	107,120	5.4
118	2	357,248	125,160	6.3					

RHODE ISLAND.

12	45	$280,814	$87,331	6.6	14	.....	$107,274	$35,800	1.8
13	.....	139,847	69,923	3.9					

SOUTH CAROLINA.

6–B	90	$26,109	$13,054	5.0	97	95	$38,061	$19,031	10.8
11–B	99	14,177	7,089	.1	99	80	105,397	52,698	15.7
14–A	.....	14,573	7,000	8.3	102	94	118,637	59,319	12.9
14	.....	15,210	7,892	5.4	105	14	59,148	29,575	12.1
20–C	95	32,481	15,486	.1	106	75	149,874	74,937	.3
26	99	40,606	20,303	10.7	108	80	73,361	36,680	19.5
28–A	45	27,319	13,660	6.3	110–A	98	60,549	30,275	5.8
34	99	18,445	8,000	3.1	112	40	33,735	16,867	5.9
35	99	11,342	5,671	3.3	113	2	49,846	24,923	14.6
36	80	54,648	27,324	11.3	116	56	16,286	8,143	1.0
37–AB	98	135,694	67,847	21.3	117–AB	90	38,682	19,341	9.0
40	99	52,691	26,345	10.2	119	50	28,816	14,408	5.6
41	.....	79,859	39,929	15.6	121	99	12,154	6,077	3.3
42	31	288,579	131,372	8.2	122	99	26,503	13,252	.6
44	98	105,196	52,598	7.8	123	15	27,848	13,922	.1
45–A	12	179,496	70,000	6.1	124	60	21,931	10,965	4.5
50	93	108,594	54,297	19.7	125	90	38,477	19,239	16.2
54	.....	80,863	30,000	2.8	126	99	16,154	8,077	4.8
59	85	137,960	68,980	15.2	127	76	111,082	55,541	.3
62–A	65	23,000	11,500	.2	131	99	77,135	38,568	19.9
62–B	65	12,182	6,091	.6	133	55	30,928	15,464	8.3
63	35	21,930	10,965	1.0	136	42	8,275	4,137	.1
66 [7]	.....	418,851	75,000	.....	137	99	8,613	4,306	8.9
67–A	96	61,085	30,542	11.3	138	99	11,690	5,845	3.9
68	.....	73,342	35,000	9.1	139	40	25,292	12,646	9.7
69	22	59,224	26,871	2.7	140	6	43,651	21,826	1.0
75	96	53,010	26,505	5.4	141	.....	11,986	5,993	4.5
76	99	67,930	22,317	6.3	143	21	34,493	17,246	9.6
77	.....	68,283	10,000	1.5	145	90	38,102	19,051	1.3
78–AB	99	37,772	18,886	8.1	146–B	99	39,021	19,510	6.7
79–A	80	65,948	32,974	16.0	147	.....	43,144	16,000	9.5
79–B	80	27,523	13,761	.1	148	10	16,022	8,011	2.5
85–A	24	849,722	424,861	3.7	149	.....	28,647	14,323	5.3
96	25	37,633	15,000	10.1	150	.....	48,330	24,165	8.6
89–A	88	84,227	42,114	21.1	151	.....	22,044	11,022	9.7
89–B [8]	.....	12,736	6,368	.....	152	40	8,832	4,416	2.4
81	99	33,725	16,863	8.9	153	.....	174,111	18,300	5.3
95	27	235,146	115,502	20.9	154	15	13,531	6,766	2.7
96	99	112,802	56,401	8.4	155	.....	45,904	22,952	6.6

[7] Reopened for surfacing, hence no mileage shown.
[8] Bridge length less than 0.1 mile.

Projects undertaken but not yet completed—Continued.

SOUTH CAROLINA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
156	.....	$213,543	$75,000	7.4	169	20	$11,689	$5,845	6.2
158	.....	34,421	17,210	.1	172	.....	44,183	22,092	9.8
159	15	12,668	6,334	4.1	173	.....	36,108	18,054	9.8
160	.....	18,732	9,366	4.6	174	.....	42,938	21,469	4.8
161	.....	23,062	11,531	6.0	175	.....	41,909	20,954	.1
162	23	62,053	31,026	4.9	176-A	1	18,525	9,262	2.3
163	1	117,842	58,921	3.6	176-B	.....	22,137	11,068	9.3
164	.....	97,994	8,974	7.0	177	.....	35,618	17,809	12.6
165	.....	69,726	30,000	12.0	183	.....	30,307	15,154	4.0
166	1	43,651	20,000	12.5	185	.....	12,062	6,000	2.0
168	.....	28,054	14,027	8.2					

SOUTH DAKOTA.

3	90	$85,900	$42,950	11.8	59	90	$127,269	$63,635	5.4
6-B	.....	15,687	7,844	.1	60	48	54,368	27,184	3.7
6-A	80	82,021	41,010	13.6	61-A	.....	84,745	42,373	13.1
7	95	67,272	33,636	8.6	61-C	.....	89,132	44,566	12.4
9	90	133,600	66,800	12.8	62	50	90,983	45,491	14.0
12	75	328,943	156,963	22.7	63	95	83,958	41,979	12.4
13	100	114,699	57,349	14.0	64	100	108,032	54,016	7.0
14-A	100	51,392	25,696	4.7	65	.....	54,923	27,462	13.1
14-B	9	38,927	19,464	7.4	66	100	106,993	53,496	10.9
15	99	260,255	130,127	22.9	67	95	77,509	38,755	13.0
16	100	61,728	30,864	12.9	70	90	118,705	59,353	9.3
18	98	164,043	82,022	15.0	71	100	101,672	13,336	.2
21	100	86,264	43,132	7.8	71-B [9]	.....	21,621	21,621	2.2
22	95	281,856	140,928	28.1	72	48	33,639	16,819	3.7
23-B	50	99,130	49,565	7.9	73	100	44,390	22,195	9.3
24	99	173,658	86,829	27.4	74	40	65,722	32,861	12.4
25	95	132,660	66,330	11.8	75	.....	41,198	20,599	8.6
26	95	150,366	75,183	14.1	76-B	25	24,728	12,364	2.3
27-B	48	68,709	34,354	3.2	77	25	115,214	57,607	20.0
28	95	103,545	51,773	17.5	78	35	101,445	50,722	18.0
30	100	108,047	54,024	9.1	79	100	32,396	16,198	.1
32	98	176,460	88,230	15.4	80	100	13,831	6,915	.1
34	80	136,922	68,461	10.9	81	15	97,012	48,506	14.2
35	95	102,393	51,196	12.9	82	8	114,675	57,337	11.7
36	100	265,545	132,772	17.5	83	30	63,442	31,721	14.6
38	49	191,426	95,713	16.1	84	1	47,185	23,592	14.6
40	50	101,346	50,673	17.0	85	.....	50,840	25,420	8.7
41	75	248,766	124,383	24.5	86	6	34,742	17,371	6.6
41-C	15	17,166	8,583	3.1	87	4	35,982	17,991	6.9
42	53	317,326	158,663	21.9	88-A	1	105,528	52,764	13.3
43	47	189,160	94,580	22.1	88	.....	15,593	7,797	14.5
44	60	116,455	58,227	10.7	90	.....	43,931	21,965	13.4
45	50	91,790	45,895	14.4	93	.....	18,302	9,151	5.5
46	70	150,463	75,232	14.8	94	.....	44,112	22,056	14.2
47	25	161,840	80,920	15.0	96	2	45,760	22,880	14.2
49-C	.....	20,981	10,490	1.4	97	.....	19,894	9,947	6.0
50-A	95	50,940	25,470	5.2	98	.....	89,503	44,751	11.1
50-C	.....	49,920	24,960	6.1	99	.....	44,685	22,343	6.6
52	52	82,440	41,220	10.2	102	.....	18,178	9,089	7.0
55	60	118,448	59,224	9.6	103	65	21,078	10,539	3.4
56	48	79,991	39,996	13.2	104	.....	32,054	16,027	6.5
57	80	24,424	12,212	3.9	106 [10]	.....	36,518	36,518	5.1
58	85	134,728	67,364	17.8	107 [10]	.....	58,027	58,027	5.7

TENNESSEE.

2-A	80	$68,444	$34,222	3.6	17	66	$310,169	$155,084	13.2
3	48	131,057	65,528	10.7	20	27	382,252	191,126	14.3
5	33	38,322	19,161	2.6	21-AB	60	416,146	208,073	12.3
6	46	437,479	218,738	21.3	22	36	583,211	291,605	15.4
7	75	193,755	96,877	15.4	23	.....	309,137	154,568	9.8
8	77	509,364	254,682	16.1	24	68	85,856	42,928	2.3
9	99	93,016	46,508	6.7	25-A	60	710,471	355,235	19.0
10	16	454,474	227,237	18.3	26	100	458,800	229,400	11.9
11-A	55	225,411	112,705	9.4	27-AB	100	150,661	72,094	20.5
12	44	561,412	279,344	15.7	28	66	646,998	294,114	14.5
14-D	46	1,404,190	697,504	50.1	35	95	271,243	135,621	7.5
16	.....	176,543	88,271	.....	37-A	.....	438,965	219,483	12.5

[9] Project in Indian reservation.

[10] Indian reservation project.

Projects undertaken but not yet completed—Continued.

TENNESSEE—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project. No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
37	.....	$37,347	$18,674	1.0	62	.....	$137,321	$68,661	15.7
38	24	410,378	205,189	13.6	63-B	.....	223,350	111,675	8.1
41	.....	89,291	44,646	2.8	63	.....	103,728	51,864	6.1
41-B	45	434,900	217,450	12.8	65-B	.....	324,567	162,284	12.2
42	60	200,720	100,360	8.3	70	.....	377,561	188,780	10.0
46-C	29	202,763	101,381	9.9	72	33	265,189	132,595	10.0
47	90	569,056	284,528	16.3	74	17	80,893	40,447	2.3
49	.....	257,892	128,946	6.6	79	.....	28,109	14,054	.1
50	33	551,674	275,837	15.3	83	90	69,041	34,520	.5
52	25	349,443	174,722	8.3	84	.....	280,767	140,383	8.9
54	.....	345,687	172,843	9.5	85	.....	307,849	153,924	10.0
57	99	232,240	116,120	6.7					

TEXAS.

3	90	$430,818	$61,759	8.8	140-C	.....	$194,917	$97,458	15.6
6	20	62,310	30,680	11.1	142	60	383,455	175,532	23.2
10-D	.....	121,422	46,470	8.7	145	88	220,416	110,208	10.0
14	99	293,636	135,000	41.6	146	85	323,801	120,000	11.3
15	30	106,620	52,810	5.9	147	99	380,770	190,385	24.6
19-E	10	366,270	166,020	8.3	148	99	517,281	166,800	18.6
19-F	.....	389,165	119,880	10.4	149-AC	88	286,239	100,000	5.0
20	.....	115,318	50,000	33.6	151-C	50	768,652	310,000	40.7
23	.....	14,985	7,000	2.2	152	96	247,799	97,280	25.9
27	97	156,633	78,316	9.5	155-A	98	229,176	114,588	15.7
35	.....	70,064	34,900	14.6	155-B	.....	42,371	21,186	3.4
36	100	124,413	60,000	13.4	161	99	390,544	59,400	23.4
37	60	185,333	92,666	11.3	162-E	50	236,633	118,317	7.3
40	75	386,239	182,109	36.7	162-N	88	295,212	147,606	7.4
41	58	265,227	110,000	13.4	164	95	296,949	148,474	31.3
42	95	273,984	99,000	6.8	165-ABCD	70	399,967	103,820	35.4
46-A	99	169,615	68,680	17.6	167	99	279,022	110,000	11.7
52	.....	124,318	50,000	34.9	170	28	213,090	80,000	13.0
55	.....	308,720	100,000	16.7	171	40	391,985	89,222	11.1
62	99	32,379	14,617	14.6	173	95	100,650	46,299	6.0
78	15	74,920	37,460	17.2	175	50	52,775	26,387	7.2
84	50	110,135	40,000	9.9	179	82	230,993	75,000	11.4
86-A	90	101,358	50,679	9.8	180-B	95	285,946	137,797	15.1
88-B	98	126,742	35,000	11.0	180-A	75	295,956	126,000	12.5
88-A	60	64,867	23,375	13.1	181	17	273,245	136,623	12.6
93-AB	95	535,380	238,270	12.7	183	.....	99,094	22,775	5.9
95	90	30,088	15,000	2.2	183-C	.....	64,095	32,047	9.3
98	90	330,121	135,000	25.0	183-A	85	117,854	58,927	12.0
99	95	14,180	6,500	4.6	185	55	202,622	50,000	17.1
100	90	570,621	247,800	13.4	187	.....	96,779	35,000	18.7
102	99	196,320	98,160	11.7	187-A	98	91,377	39,313	7.5
104	98	187,384	85,000	13.7	187-C	15	42,690	21,340	8.8
105	99	139,338	50,250	11.5	188	33	253,980	106,914	9.7
106	80	156,671	39,170	9.4	189	38	225,886	68,499	8.7
109	90	215,248	93,867	21.7	190	40	81,062	40,531	3.7
113	77	434,040	149,000	22.8	191-A	100	57,879	28,940	5.7
114	60	71,642	17,500	9.8	191-B	95	27,835	13,917	1.9
116-A	98	215,756	100,000	11.1	191-D	42	48,229	24,114	8.2
116-B	.....	203,655	54,514	15.4	192-A	.....	129,905	36,180	14.3
117	70	275,859	119,600	10.0	192-B	.....	82,863	23,288	10.8
119	100	568,703	100,000	10.0	193	65	124,609	59,170	7.3
122	50	190,725	73,918	9.9	194	.....	213,586	45,000	17.7
124	95	250,307	51,000	14.0	195	95	155,516	77,757	6.8
125	99	142,875	67,411	9.0	196	6	287,414	123,953	22.4
126	.....	561,172	80,000	37.7	197-B	35	59,541	29,771	7.4
127	25	83,929	41,964	16.9	197-D	.....	188,090	32,688	12.8
130	.....	177,250	72,000	16.2	197-A	22	40,339	20,169	2.6
130-A	.....	195,740	95,500	4.8	198	92	300,385	105,212	22.5
132-A	100	257,819	100,000	15.1	199-B	42	508,472	70,000	19.8
132-B	90	427,441	140,000	16.6	199-C	.....	332,472	41,151	10.3
133	99	201,492	100,000	30.5	200	.....	53,666	20,952	3.2
134-A	15	189,636	37,840	10.5	201-B	100	204,317	101,315	19.6
134-B	99	423,859	211,930	22.1	202-A	99	165,155	66,500	12.3
134-C	70	227,903	61,311	9.7	202-B	97	47,781	23,500	4.1
135-C	99	56,678	28,339	4.0	203-A	80	56,310	28,155	8.0
135-A	.....	101,117	50,558	7.4	203-B	33	88,297	44,149	8.0
136	99	554,812	193,000	36.1	203-C	33	72,082	36,041	8.0
137	93	339,303	92,600	28.3	205	85	34,313	17,156	14.5
138	99	240,811	82,000	11.9	206	50	88,495	34,000	.2
139	.....	62,689	31,345	5.8	207	39	95,938	38,000	11.4
140-B	95	191,167	95,585	11.5	209	.....	82,662	41,331	3.4

Projects undertaken but not yet completed—Continued.

TEXAS—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
210	99	$29,800	$14,900	4.5	253	22	$380,543	$108,156	10.8
211	26	249,107	50,000	9.2	254	52	207,121	80,000	13.0
212	99	41,197	20,599	7.2	255	70	35,918	10,191	7.5
213	99	50,229	25,115	11.7	256	.....	73,032	17,723	5.4
214	60	123,397	61,698	8.9	257	20	38,172	10,000	5.9
215	50	67,555	33,777	4.4	258	.....	20,706	10,000	.1
216 [11]	.....	9,958	4,979	.....	259	.....	166,655	80,000	.4
218	14	299,230	100,000	21.0	260	.....	169,325	34,182	.8
219	30	151,356	75,678	4.3	262	37	309,284	100,000	8.1
221	99	43,421	21,711	3.8	263	6	80,748	40,374	12.5
222	.....	115,955	47,189	17.9	264	.....	118,930	59,465	8.0
224	90	484,056	100,000	35.3	265	1	100,051	25,000	10.6
225	.....	205,545	50,000	16.3	266	.....	302,036	87,500	14.5
226	85	24,023	12,012	7.2	267	.....	65,310	20,000	9.8
227	98	206,937	103,468	20.8	268	.....	114,322	50,000	1.6
228	17	248,583	124,291	12.1	269	.....	84,438	42,219	3.6
229	.....	50,000	25,000	23.4	271-B	.....	133,498	39,820	5.1
230	75	58,678	25,000	5.4	271-D	.....	68,872	34,033	4.1
231	100	95,263	24,063	7.6	271-C	.....	77,079	38,539	5.5
232	90	82,870	31,574	7.7	272	.....	95,351	47,675	9.7
233	85	70,000	17,500	1.8	273	.....	600,000	300,000	35.0
235-ABCD	35	808,208	259,840	98.7	275	.....	51,292	22,000	.1
236	23	1,208,183	300,000	31.0	276	.....	88,624	44,312	2.2
237	20	191,425	60,000	13.4	276-A	.....	141,937	70,969	3.6
238	10	145,344	42,000	11.2	276-B	.....	167,516	83,758	4.6
239	.....	51,366	25,000	2.2	277-A	.....	162,856	81,428	9.7
240-AC	51	54,778	27,389	13.5	277-B	.....	181,541	90,771	13.5
240-B	.....	45,418	22,709	11.3	277	.....	60,499	30,250	16.7
241	40	86,800	30,865	7.3	278	.....	86,000	43,000	11.0
242-A	33	50,420	25,210	9.7	279	.....	84,256	42,128	11.4
242-B	50	110,249	55,124	21.6	280	.....	84,346	42,061	5.9
243-ABC	4	270,230	100,000	31.9	281	.....	230,450	115,000	.2
244	75	79,705	17,500	14.1	282	.....	120,000	60,000	.1
245-A	99	31,655	15,783	7.4	283	.....	18,238	9,000	6.4
245-B	98	15,002	7,501	3.0	284	.....	252,004	126,002	14.7
245-F	15	11,155	5,578	3.2	287	.....	48,061	24,000	10.0
245-C	99	21,984	10,992	3.4	289	.....	136,000	68,000	16.0
245-D	99	72,495	36,248	11.0	290	.....	43,055	21,500	.1
245-E	12	43,422	21,711	5.2	293	.....	85,693	29,750	14.3
246	15	106,412	25,875	16.6	294-A	.....	327,784	163,892	10.9
248	40	88,160	44,000	11.4	294-B	.....	123,774	61,887	4.0
249	88	150,359	54,500	.5	295	.....	154,880	77,440	6.0
250	70	268,522	59,393	33.9	296	.....	103,264	51,632	4.0
251-B	90	27,850	10,000	5.4	297	.....	89,078	44,539	9.2
251-A	.....	23,188	7,500	2.8	299	.....	17,900	8,950	2.5
252	.....	29,814	13,405	.1					

UTAH.

1	96	$161,082	$80,541	44.9	19	.....	$79,947	$24,948	5.5
4-CDE	99	317,044	158,522	30.5	24	48	635,903	339,115	10.5
4-H	41	38,087	19,043	.6	25	31	482,418	356,989	15.5
5	94	267,201	133,600	37.6	26	55	104,664	52,332	9.6
6	90	303,691	151,845	23.8	27	1	239,418	177,169	6.7
9-ABC	45	247,432	123,716	30.0	29	91	497,940	248,970	12.6
9-GHJK	.....	132,032	97,703	23.7	30-B	4	39,861	19,930	.....
10	.....	267,790	133,895	15.9	31	.....	118,003	59,001	.5
10-A	75	145,212	72,606	6.7	33	.....	120,853	89,431	7.0
11-AB	98	375,888	187,944	33.3	34	.....	228,530	114,265	5.7
12	.....	118,573	87,744	7.3	36	100	56,109	28,055	1.8
15	.....	78,392	58,010	9.4	37	75	41,701	30,859	1.4
17	.....	280,802	124,346	21.5	39	.....	210,675	155,899	6.4
17-C	.....	66,897	49,504	9.0	41	.....	70,456	52,137	7.8
19-A	6	49,030	46,329	12.6					

[11] Bridge less than 0.1 mile long, hence no mileage shown.

Projects undertaken but not yet completed—Continued.

VERMONT.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
5	100	$22,387	$11,193	0.7	23	100	$48,131	$23,571	0.9
10	99	68,702	34,351	4.3	24	22	90,079	45,039	4.3
12-AB	100	339,061	169,531	13.6	26	.....	123,940	61,970	4.8
13	73	149,760	74,880	4.1	27	2	159,332	79,666	6.0
14	100	172,035	86,017	5.6	28	2	154,419	77,209	6.1
18	97	14,595	7,297	.1	29	.....	88,722	22,800	1.1
19	69	58,338	29,169	2.0	30	.....	52,693	26,347	2.0
20	19	33,766	16,883	.2	31	.....	54,503	27,252	2.2
21	25	86,653	43,326	2.3	32	.....	111,758	55,879	5.7

VIRGINIA.

7	100	$43,767	$21,884	3.1	88	98	$145,918	$72,959	5.2
13	100	59,263	29,632	6.9	89	40	49,322	24,661	4.7
14	100	49,867	24,933	4.0	90	90	52,014	26,007	7.7
15	92	143,756	71,878	6.8	91	100	80,878	40,439	9.3
19	99	80,995	40,497	5.0	92	100	54,915	27,457	5.4
23	100	18,824	9,412	4.1	93	39	72,376	36,188	4.2
24	96	101,955	50,978	8.0	96	.....	174,198	87,099	7.0
25	100	45,814	22,907	3.2	98-A	.....	43,702	21,851	5.5
27	98	95,608	47,804	5.7	98-B	95	61,156	30,578	9.1
28	100	26,978	13,489	3.5	100	56	157,688	78,844	9.1
32	86	158,723	79,362	5.0	101	38	158,673	79,336	7.7
38	87	222,576	111,288	6.5	102	.....	63,791	17,833	.7
43	98	191,579	95,789	7.3	104	92	370,074	185,037	9.3
46-A	72	120,219	60,110	5.8	108	100	100,308	50,154	3.3
46-E	.....	43,168	21,584	1.5	109	.....	202,165	101,083	8.2
48-A	100	109,714	54,857	5.5	113	.....	329,806	164,903	11.3
48-C	.....	133,277	66,638	13.7	114	33	129,025	64,512	4.8
48-D	42	60,114	30,057	.2	115	69	83,961	41,981	3.3
51	99	77,821	38,910	4.5	116	100	97,484	48,742	13.0
52	92	100,381	50,191	5.3	117-B	95	68,650	34,325	1.9
58	99	70,952	35,476	11.3	120	34	96,719	48,360	3.5
64-A	82	333,831	148,480	7.4	121	44	225,912	112,956	6.6
64	.....	22,392	11,196	.6	122	30	127,769	63,885	5.1
66	98	359,480	179,740	8.9	123-A	20	164,080	82,040	7.5
67	91	174,961	87,480	5.9	125-A	.....	112,075	56,037	4.8
69	60	150,653	75,326	6.4	125	75	80,583	40,291	2.7
70-A	98	102,019	51,010	3.1	127	98	47,101	23,550	7.8
72-A	100	41,739	20,869	1.4	128-A	2	137,785	68,893	6.2
72-B	100	35,059	17,530	.1	133	67	55,156	27,578	8.3
72-C	100	65,939	32,970	6.4	135-C	29	79,377	39,689	4.4
72-D	.....	10,449	5,225	2.7	148	7	35,200	17,600	9.9
72-E	.....	24,453	12,226	4.1	150	.....	103,350	48,550	.1
73	.....	120,017	60,009	4.9	151	.....	257,941	128,971	10.3
74	98	408,649	204,324	11.0	152	21	22,959	11,479	4.8
76	.....	41,128	20,564	.3	153	.....	51,149	25,575	10.8
76-AC	50	148,682	74,342	9.4	154	20	152,219	76,110	5.4
79	99	52,256	19,512	.5	165	.....	114,037	57,018	3.4
81-A	99	69,667	34,833	2.5	168	.....	144,426	72,213	5.0
82	100	55,735	27,867	8.0	173	.....	219,177	109,589	6.4
84	93	223,879	107,720	5.4	179	.....	238,236	119,118	8.0
86	78	116,395	58,198	4.3	192	.....	413,149	206,575	16.0

WASHINGTON.

36	100	$43,076	$14,000	3.3	92	.....	$89,605	$43,000	2.6
45	98	145,729	59,100	2.1	93	9	74,267	37,000	8.3
54	98	116,080	49,000	.4	94	10	231,618	115,000	8.0
56	100	158,695	72,914	3.4	95	14	153,988	50,000	4.5
67	95	157,959	50,000	5.5	96	.....	186,865	79,000	4.9
76	99	34,734	12,736	.5	97	35	124,845	62,000	9.7
78	99	42,015	21,000	1.2	98	.....	311,626	155,000	.3
85	65	290,211	145,000	8.5	99	3	141,773	70,000	4.2
87	96	63,156	25,000	.2	100	95	59,708	29,000	1.9
90	50	205,288	96,000	4.8	101	2	130,414	65,000	3.7
91	40	296,747	95,600	4.8	102	.....	94,711	47,000	3.2

WEST VIRGINIA.

4	50	$72,825	$36,413	2.4	25	95	$136,944	$58,554	4.5
13	98	13,552	6,776	1.0	27	70	62,355	30,890	3.1
14	100	54,700	27,000	4.0	28	100	40,903	20,451	1.5
17	98	28,534	14,267	1.0	29	94	160,655	73,010	5.0
18	98	29,930	14,965	1.0	32	60	162,506	75,000	3.8
22	98	24,852	10,500	1.1	33	99	11,440	5,720	1.0

Projects undertaken but not yet completed—Continued.

WEST VIRGINIA—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
34	99	$19,200	$9,600	2.0	87	98	$57,955	$28,520	4.4
35	65	88,654	44,000	4.5	89	100	68,931	34,465	2.5
39	98	61,780	29,780	2.8	91	56	55,680	27,840	2.0
42	99	53,350	26,675	5.1	92	98	24,324	10,240	1.0
44-B	95	125,706	62,853	8.6	93	98	102,829	31,120	2.1
45	99	141,083	70,541	4.0	96	80	49,000	24,500	2.2
47	85	169,540	84,770	4.9	97	99	136,643	16,843	3.0
48	95	79,900	39,950	5.0	98	2	84,733	39,010	3.5
50-A	100	62,600	31,300	3.0	99	97	93,940	46,970	3.3
55	60	36,000	18,000	1.2	100	99	78,000	24,640	1.9
58-A	95	50,000	25,000	2.8	101	95	64,640	32,320	4.4
58-B	95	27,000	6,290	1.9	102	98	73,000	30,080	3.1
60	99	42,237	21,118	2.3	103-B	98	46,147	22,434	2.4
61-A	100	60,000	24,846	1.8	107	25	44,310	22,155	3.7
62	100	57,036	28,518	6.7	108	98	62,834	31,416	4.6
65	97	41,561	20,780	1.1	109	.....	64,705	24,940	2.0
66-A	99	39,625	19,812	2.6	110	95	78,637	39,318	4.1
69	100	79,875	39,937	6.5	112	10	260,000	106,159	6.4
71-A	95	42,350	21,175	2.5	113	30	247,822	105,000	5.3
72-B	50	104,500	52,250	7.1	114	40	220,255	82,640	3.8
73	95	$71,488	$35,744	4.6	115	.....	121,105	60,552	4.9
74	90	83,000	41,500	2.6	116	6	172,771	86,385	7.2
77	100	320,134	160,067	16.1	117	10	325,000	50,000	8.6
78	60	125,850	51,850	3.8	118	23	65,056	32,528	.2
82-A	95	67,400	33,700	5.0	119	3	205,565	102,490	5.2
86	85	43,794	21,600	3.1	120	10	91,303	45,651	1.9

WISCONSIN.

13	99	$53,560	$24,500	8.8	184	90	$15,598	$6,000	1.4
22	98	122,596	56,346	16.6	185	82	69,031	29,500	8.7
24	99	107,595	50,000	4.2	186	70	38,414	18,000	4.4
31	97	64,799	31,000	10.6	188	85	67,492	29,007	6.8
34	1	26,037	11,000	8.1	189-A	100	12,617	5,000	3.9
49	75	9,479	3,763	1.3	189-B	.....	41,059	16,700	5.2
51	95	137,282	60,000	11.1	190	100	16,782	8,300	2.8
78	77	13,626	5,895	1.5	192	100	17,465	8,000	1.4
84	99	41,166	15,503	3.2	195	99	27,396	12,000	3.3
89	98	45,339	21,385	8.2	196	85	37,024	18,500	7.8
90	100	26,832	12,000	4.4	198	95	38,348	18,500	6.0
100	95	37,065	14,000	1.1	200	95	48,190	23,500	7.4
106	60	146,478	63,855	8.9	201	90	29,298	12,679	2.4
112-A	35	21,036	9,000	6.1	202	100	13,643	5,186	2.4
112-B	.....	25,735	12,000	3.7	204	95	28,219	14,000	3.8
113	98	283,417	95,276	5.8	205	100	21,222	9,355	4.2
119	100	16,513	5,000	.7	206	2	56,766	27,967	6.5
120	90	106,213	50,996	7.2	207	100	44,909	20,000	4.9
121	100	136,888	63,500	13.1	208	95	58,622	25,000	1.0
122-B	.....	22,767	753	2.8	209	99	49,840	12,480	.6
125	98	48,551	21,116	4.5	210	25	27,792	12,000	1.7
130	98	68,324	31,085	7.9	211	90	67,758	31,000	4.7
135	98	92,860	44,000	3.6	213	60	21,185	10,000	1.2
136	10	108,345	46,778	2.9	214	8	67,589	26,326	11.4
137	99	42,962	21,481	1.5	215	70	56,317	19,315	1.5
138	1	77,654	32,376	3.0	216	87	59,720	23,000	4.0
140	65	153,594	73,160	8.2	221	.....	41,441	19,000	6.3
141	80	59,841	24,000	3.7	222	100	55,871	25,000	5.6
142	98	93,686	41,000	7.3	223	1	87,241	28,373	7.6
149	2	64,587	30,000	9.1	224	85	168,044	70,000	13.3
152	.....	54,305	9,149	4.8	225	100	57,904	25,000	5.1
155	75	37,864	17,000	3.2	226	99	74,690	30,000	6.5
156-A	5	10,877	5,000	2.3	229	100	33,792	16,873	4.0
156-B	.....	65,147	31,000	5.0	230	100	56,954	25,000	5.7
164	99	55,682	23,000	2.1	235	100	11,092	5,000	1.9
168	35	45,680	20,000	7.0	237	80	48,578	20,000	5.2
170-A	99	45,330	20,300	4.7	240	85	57,150	28,000	7.8
170	.....	52,440	14,658	2.3	241	100	14,036	6,000	1.3
174	.....	52,265	24,000	5.3	242	99	8,155	2,500	1.4
175	66	56,863	25,000	3.0	243	.....	80,245	31,370	8.2
176	98	21,876	8,938	1.3	244	95	35,285	16,000	5.1
180	15	43,956	11,000	4.3	245	50	38,667	17,000	7.6
181	95	47,234	23,500	3.0	246	.....	43,076	20,000	3.5
182	100	42,963	20,000	7.3	248	70	33,326	12,000	5.6

Projects undertaken but not yet completed—Continued.

WISCONSIN—Continued.

Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.	Project No.	Per cent completed.	Total cost.	Federal aid.	Mileage.
249	98	$25,669	$12,000	1.9	284	25	$96,421	$37,087	3.3
250	.....	10,324	5,000	3.1	286	7	192,346	80,000	5.7
251	.....	15,664	7,800	2.1	287	1	19,441	7,231	1.9
254	86	10,704	4,000	1.0	288	5	47,432	17,500	1.6
256	1	39,325	18,000	5.3	289	20	11,290	5,308	2.2
257	90	82,548	39,979	6.9	290	.....	24,583	10,200	1.2
259	75	154,961	50,650	4.5	292	3	32,596	10,582	4.1
260–A	90	16,854	8,000	3.4	294	.....	71,458	26,442	6.8
260	100	17,546	2,417	1.6	295	2	17,952	8,000	2.7
262	10	32,679	9,921	.9	296	.....	20,624	9,000	3.1
263	.....	92,379	42,804	17.3	297	.....	21,126	10,000	5.3
264	2	90,653	34,658	12.5	298	3	68,160	25,298	5.7
265–C	.....	31,149	13,000	2.6	299	7	24,511	12,000	3.1
267	2	33,215	12,000	2.7	300	20	99,378	35,000	3.1
269	1	87,850	20,495	3.0	301	.....	32,214	15,265	2.9
271	1	45,644	18,000	5.7	302	1	38,312	18,000	6.1
272	1	23,444	10,521	3.3	303	.....	24,826	11,000	2.9
274	5	52,180	20,000	1.8	304	15	233,398	37,500	8.3
275	1	27,309	10,643	1.0	305	5	70,834	33,000	3.0
278	.....	21,131	10,500	4.5	306	2	13,233	6,000	.8
279	70	17,348	8,000	3.7	307	5	67,014	27,404	7.0
280	.....	37,819	10,417	5.0	308	2	22,897	8,000	4.2
281	10	66,408	24,693	2.4	309	.....	32,464	14,531	5.1
282	.....	15,865	7,044	.4	310	.....	50,487	16,455	8.3
283	.....	27,629	5,657	3.8	311	.....	25,480	12,000	2.0

WYOMING.

16	94	$52,108	$26,998	2.0	85	.....	$111,211	$55,606	10.0
17	.....	4,483	2,898	1.2	86	92	90,268	45,134	6.6
19	79	103,795	48,541	39.1	89	95	37,991	24,561	7.0
20	100	235,670	116,999	8.0	90	71	45,974	22,987	3.2
22	89	193,405	96,702	1.1	91	100	213,224	106,612	15.1
25–AB	66	171,480	85,740	19.6	99	100	143,882	71,941	3.3
26	.....	43,999	21,999	9.2	104	15	46,200	29,868	.3
27–A	78	37,577	18,789	3.3	106	100	40,269	20,135	2.7
27–B	.....	60,885	39,362	4.4	107	90	33,075	21,383	.3
30	16	368,597	103,787	4.1	108–E	.....	30,963	20,017	3.2
33	55	30,464	15,232	2.2	108–B	.....	81,115	36,022	8.1
36	30	10,452	6,757	14.9	108–A	100	42,307	21,154	6.1
37–B	.....	89,490	57,855	10.0	110	11	76,373	49,375	6.0
40	100	26,809	12,991	11.9	111	57	26,453	17,102	2.3
41	95	80,246	40,123	10.1	112	51	7,485	4,839	1.7
42	100	106,001	53,001	9.4	114	.....	65,178	42,137	5.7
46	79	153,501	76,751	25.2	115	37	55,291	35,746	8.6
50	93	40,659	20,329	2.6	116–A	.....	83,915	54,251	4.5
52	60	48,688	24,344	4.9	117	.....	55,718	36,022	6.5
55	100	27,307	13,654	4.0	118–BCD	.....	401,582	259,623	13.4
58	.....	143,440	92,734	15.7	119	.....	55,839	36,100	.4
59–B	.....	88,526	57,232	20.2	120	.....	38,852	25,118	5.0
62	100	57,289	28,644	16.2	121	.....	18,759	12,128	2.3
65	99	33,372	16,686	3.2	122	.....	99,770	64,512	12.2
66	.....	60,018	30,009	12.4	123	.....	40,383	26,107	6.2
66–B	82	99,262	49,631	9.0	124	.....	55,963	36,180	5.7
67	82	66,206	33,103	7.4	126	.....	29,308	18,947	2.7
69	100	98,752	49,376	10.8	127	.....	90,519	90,519	9.4
70	88	25,892	16,739	2.9	128	.....	40,883	26,431	8.0
74	75	75,599	48,875	10.3	130	.....	15,826	10,232	.2
75	100	22,622	11,311	2.5	131	.....	17,777	11,493	1.8
80	95	91,475	43,217	.1	133	.....	27,205	17,588	3.1
82	82	193,678	96,839	23.4	134	.....	28,653	18,524	5.5
83	86	208,177	104,089	14.1					

Federal aid projects completed but final payment not made, arranged by major types of construction, as of June 30, 1922.[1]

States.	10. Graded and drained.			20. Sand clay.		
	Estimated cost.	Federal aid.	Miles.	Estimated cost.	Federal aid.	Miles.
Alabama				$64,120	$32,060	12.0
California	$967,196	$483,598	62.0			
Colorado	111,980	55,990	10.2	93,549	48,501	14.1
Florida				25,829	12,915	5.6
Georgia				356,194	164,584	51.5
Idaho	108,374	54,187	3.0			
Illinois	132,881	33,738	3.0			
Iowa	1,158,421	461,650	134.3			
Kansas	167,391	57,183	19.1			
Kentucky	658,278	329,139	51.6			
Minnesota	162,926	75,000	16.4	325,249	150,000	18.0
Mississippi	20,415	10,207	7.3			
Montana	24,095	12,048	3.0			
Nebraska	2,925,678	1,443,437	640.7	282,945	132,598	28.2
New Hampshire				21.193	10,596	1.6
New Mexico	272,486	136,243	47.9			
North Carolina	140,919	70,459	22.1	2,565,379	1,278.728	262.0
North Dakota	688,404	344,202	143.6			
Oklahoma				4,621	2,310	.4
South Carolina	26,109	13,054	5.0	70,542	34,517	10.9
South Dakota	190,076	95,038	34.7			
Texas				32,379	14,617	14.5
Utah	317,044	158,522	30.5			
Virginia				262,791	131,395	28.6
West Virginia	225,856	112,578	12.0			
Wisconsin	95,914	39,116	11.4	33,792	16,873	4.0
Wyoming	730,737	365,368	96.9			
Total	9,125,180	4,350,757	1,354.7	4,138,583	2,029,694	451.4

States.	30. Gravel.			40–46. Waterbound macadam.		
	Estimated cost.	Federal aid.	Miles.	Estimated cost.	Federal aid.	Miles.
Alabama	$74,724	$37,362	10.0	$59,932	$29,966	9.2
Arizona	171,824	85,912	16.0			
Arkansas	811,797	368,000	94.6	96,855	48,000	11.0
California	195,524	97,762	17.1			
Colorado	235,800	117,900	19.8			
Georgia	166,009	83,004	21.7			
Iowa	176,700	85,000	23.2			
Kansas	1,112,003	357,600	50.3			
Kentucky	336,661	168,330	17.7	68,008	34,004	3.3
Louisiana	1,259,409	604,338	105.9			
Michigan	674,864	336,004	43.7			
Minnesota	195,889	55,103	34.2			
Mississippi	318,809	159,405	28.9			
Missouri	481,513	240,757	30.9			
Montana	728,526	368,509	89.3			
Nebraska	252,395	126,198	51.3			
Nevada	597,016	299,085	60.6			
New Mexico	1,066,000	546,359	157.3			
North Carolina	94,681	25,000	8.9	272,090	136,045	14.0
North Dakota	314,928	157,464	35.7			
Ohio				269,962	128,131	10.0
Oklahoma	284,369	133,341	23.3			
Oregon	127,139	63,570	12.8			
South Dakota	1,154,194	577,097	110.7			
Tennessee	344,416	168,971	35.8			
Texas	4,511,541	1,867,594	407.5	479,891	192,769	21.1
Vermont	511,096	255,548	19.1			
Virginia	473,319	236,660	49.8	592,196	296,098	34.3
Washington	202,723	34,736	4.9			
West Virginia	57,036	28,518	6.7			
Wisconsin	92,473	39,125	9.5			
Total	17,023,378	7,724,252	1,597.2	1,838,934	865,013	102.9

[1] These are shown as 100 per cent completed in the preceding tables.

Federal aid projects completed but final payment not made, arranged by major types of construction, as of June 30, 1922—Continued.

States.	47–49. Bituminous macadam.			50 and 60. Bituminous concrete.		
	Estimated cost.	Federal aid.	Miles.	Estimated cost.	Federal aid.	Miles.
Arkansas	$79,062	$33,248	4.8	$224,565	$106,800	7.9
Connecticut	314,061	157,030	11.1			
Florida	217,156	108,578	11.7			
Kansas	857,565	220,577	16.7			
Kentucky	609,347	292,135	14.0			
Maine	104,763	52,381	2.9			
Massachusetts	279,627	119,190	5.6	348,802	174,401	15.5
Michigan				933,248	388,485	19.5
North Carolina	728,069	323,093	26.8	870,928	332,386	30.6
Ohio				186,000	92,500	6.3
Pennsylvania				787,470	305,780	15.3
Tennessee	1,107,186	553,593	30.8			
Texas	517,281	166,800	18.6			
Virginia	567,427	283,713	24.9	100,308	50,154	3.3
West Virginia	134,227	67,114	8.6			
Total	5,515,771	2,377,452	176.5	3,451,321	1,450,506	98.4

States.	70. Concrete.			80 and 90. Brick.		
	Estimated cost.	Federal aid.	Miles.	Estimated cost.	Federal aid.	Miles.
Arkansas	$346,211	$167,800	8.5			
California	1,527,594	748,965	64.5			
Colorado	408,627	206,952	10.3			
Florida	179,255	75,899	9.5	$284,174	$142,087	6.3
Georgia	80,869	37,500	2.5			
Idaho	48,667	24,334	1.5			
Illinois	363,276	176,199	9.0	265,381	121,091	6.1
Indiana	1,156,825	577,833	29.6			
Iowa	1,621,558	529,512	31.0			
Kansas	1,588,868	424,865	27.5			
Maryland	148,216	73,721	4.1			
Massachusetts	696,297	274,050	12.4			
Michigan	2,111,369	970,332	47.5			
Minnesota	976,069	386,751	23.7			
Mississippi	455,095	227,547	14.3			
Missouri	846,986	286,849	26.5			
Nevada	245,062	115,600	5.8			
New Jersey	726,078	231,460	11.6			
New York	1,176,500	448,540	21.0			
North Carolina	256,090	97,068	6.7			
North Dakota	61,198	20,100	1.0			
Ohio	281,400	76,200	13.0	68,000	24,600	2.5
Oklahoma	404,159	155,350	6.5			
Pennsylvania	5,209,061	1,828,803	90.1			
South Carolina	140,121	70,060	14.7			
Texas	1,181,341	348,157	23.1			
Utah	284,639	142,320	7.6			
Vermont	48,131	23,571	.9			
Virginia	1,033,707	498,418	26.8			
Washington	158,694	72,914	3.4			
West Virginia	116,381	37,896	3.1	24,852	10,500	1.0
Total	23,878,344	9,355,566	557.7	642,407	298,278	15.9

Federal aid projects completed but final payment not made, arranged by major types of construction, as of June 30, 1922—Continued.

States.	120. Bridges.			Total, all types.		
	Estimated cost.	Federal aid.	Miles.	Estimated cost.	Federal aid.	Miles.
Alabama	$219,886	$109,943	0.2	$418,662	$209,331	31.4
Arizona				171,824	85,912	16.0
Arkansas	377,221	100,000	.6	1,935,711	823,348	127.4
California	736,540	368,270	1.0	3,426,854	1,698,595	141.6
Colorado	32,623	18,308	.2	882,579	447,651	54.6
Connecticut				314,061	157,030	11.1
Florida				706,414	339,479	33.1
Georgia	56,950	28,475	.7	660,022	313,563	76.4
Idaho	42,073	21,036	.1	199,114	99,557	4.6
Illinois				761,538	331,028	18.1
Indiana	20,912	10,456		1,177,737	588,289	29.6
Iowa				2,956,679	1,076,162	188.5
Kansas				3,725,827	1,060,225	113.6
Kentucky				1,672,294	823,608	86.6
Louisiana				1,259,409	604,338	105.9
Maine				104,763	52,381	2.9
Maryland				148,216	73,721	4.1
Massachusetts				1,324,726	567,641	33.5
Michigan				3,719,481	1,694,821	110.7
Minnesota				1,660,133	666,854	92.3
Mississippi				794,319	397,159	50.5
Missouri				1,328,499	527,606	57.4
Montana				752,621	380,557	92.3
Nebraska	150,084	75,042	.5	3,611,102	1,777,275	720.7
Nevada				842,078	414,685	66.4
New Hampshire				21,193	10,596	1.6
New Jersey				726,078	231,460	11.6
New Mexico	231,953	115,976	1.0	1,570,439	798,578	206.2
New York				1,176,500	448,540	21.0
North Carolina	50,798	25,399	.1	4,978,954	2,288,178	371.2
North Dakota				1,064,530	521,766	180.3
Ohio				805,362	321,431	31.8
Oklahoma	655,201	297,498	1.3	1,348,350	588,499	31.5
Oregon				127,139	63,570	12.8
Pennsylvania				5,996,531	2,134,583	105.4
South Carolina	14,177	7,089	.1	250,949	124,720	30.7
South Dakota	101,672	13,336	.2	1,445,942	685,471	145.6
Tennessee				1,451,602	722,564	66.6
Texas	88,495	34,000	.2	6,810,928	2,623,937	485.0
Utah				601,683	300,842	38.1
Vermont				559,227	279,119	20.0
Virginia				3,029,748	1,496,438	167.7
Washington	63,156	25,000	.2	424,573	132,650	8.5
West Virginia	75,358	37,679	.3	633,710	294,285	31.7
Wisconsin				222,179	95,114	24.9
Wyoming	33,074	21,383	.3	763,811	386,751	97.2
Total	2,950,173	1,308,890	7.0	68,564,091	29,760,408	4,361.7

Federal aid projects under construction arranged by major types of construction, as of June 30, 1922.

State.	10. Graded and drained.			20. Sand clay.		
	Estimated cost.	Federal aid.	Mileage.	Estimated cost.	Federal aid.	Mileage.
Alabama				$398,691	$199,346	66.7
Arizona	$229,429	$120,493	25.8			
California	1,346,783	692,528	81.9			
Colorado	884,047	434,774	49.0	119,943	64,991	15.9
Florida	177,059	88,530	19.2	187,098	93,549	12.9
Georgia	191,480	95,701	22.6	1,856,792	881,937	289.0
Indiana	840,762	420,381	18.1			
Iowa	4,086,276	1,780,859	654.8			
Kansas	892,466	355,400	108.8			
Kentucky	1,546,399	773,199	103.7			
Minnesota	1,976,726	882,133	145.7			
Mississippi	1,100,711	531,757	131.3			
Missouri	954,625	477,312	84.3			
Montana	814,972	419,670	84.8	731,976	374,390	82.7
Nebraska	4,296,988	2,147,970	647.0	269,197	129,626	36.0
Nevada	155,572	119,340	30.7			
New Mexico	371,157	228,291	207.2			
North Carolina	167,991	83,303	24.6	1,352,259	676,129	100.2
North Dakota	2,722,850	1,361,440	597.9			
Ohio	284,000	130,000	14.7			
Oklahoma	205,999	102,999	27.4			
South Carolina				1,800,837	863,689	323.5
South Dakota	623,688	311,844	95.4			
Texas	79,705	17,500	14.1			
Utah	731,973	365,987	106.2			
Virginia	55,156	27,578	8.3	267,172	133,586	35.0
Washington	145,729	59,100	2.2			
West Virginia	1,034,315	497,435	61.1			
Wisconsin	1,093,217	478,930	117.8	508,153	222,536	51.7
Wyoming	2,421,651	1,323,787	216.3	99,262	49,631	8.9
Total	29,431,726	14,328,241	3,700.9	7,591,380	3,689,410	1,022.5

State.	30. Gravel.			40–46. W. B. macadam.		
	Estimated cost.	Federal aid.	Mileage.	Estimated cost.	Federal aid.	Mileage.
Alabama	$2,747,366	$1,373,683	235.5	$103,282	$51,641	11.6
Arizona	2,506,995	1,101,018	154.4			
Arkansas	2,100,010	934,548	278.5	521,781	201,750	40.6
California	3,335,695	1,681,644	170.5			
Colorado	1,000,569	507,464	91.1			
Florida	265,457	132,729	10.0			
Georgia	354,413	169,501	35.9	389,622	194,811	20.3
Idaho	355,383	160,283	26.6			
Indiana				252,473	126,236	7.9
Iowa	1,070,844	513,400	165.3			
Kansas	1,267,195	633,597	69.8	158,287	79,143	8.0
Kentucky	291,258	145,629	21.4	1,038,570	519,285	32.1
Louisiana	4,121,175	1,808,032	289.8			
Maine	632,323	316,162	31.8			
Maryland	43,402	21,701	5.0			
Michigan	1,300,468	646,248	92.0	140,522	70,261	8.1
Minnesota	5,626,202	1,895,462	592.7			
Mississippi	2,651,454	1,322,257	232.3	128,100	54,050	11.3
Missouri	2,275,504	1,080,583	213.8	381,850	191,425	43.9
Nebraska	308,989	154,494	52.0			
Nevada	540,732	388,615	39.5			
New Hampshire	242,955	118,100	15.7	19,319	9,660	1.3
New Mexico	2,140,710	1,187,370	315.0			
North Carolina	64,705	30,000	14.3	172,258	86,129	5.0
North Dakota	857,784	428,805	123.0			
Ohio	160,000	80,000	6.5	1,066,600	439,900	39.4
Oklahoma	3,356,355	1,638,228	206.1			
South Carolina	607,434	255,112	83.7			
South Dakota	4,740,636	2,362.809	516.1			
Tennessee	963,669	481,834	51.2	3,115,234	1,551,664	122.5
Texas	11,840,753	4,003,221	1,019.2	6,882.761	2,396,841	329.8
Utah	912,240	456,120	79.5			
Vermont	429,561	214,780	16.6	228,874	114,437	7.1
Virginia	54,915	27,458	5.4	882,903	441,452	50.0
West Virginia	162,455	80,770	11.5	61,437	30,718	4.3
Wisconsin	2,408,648	1,015,489	228.7	25,607	10,000	7.6
Wyoming	217,385	121,977	17.3			
Total	61,955,639	27,489,123	5,617.7	15,569,480	6,579,403	750.8

Federal aid projects under construction arranged by major types of construction as of June 1, 1922.

State.	46–49. Bituminous macadam.			50 and 60. Bituminous concrete.		
	Estimated cost.	Federal aid.	Mileage.	Estimated cost.	Federal aid.	Mileage.
Alabama	$1,900,397	$950,198	76.4			
Arizona				$82,169	$50,213	2.9
Arkansas	1,340,742	597,853	70.1	188,419	87,500	8.8
California	1,206,584	603,292	55.0			
Connecticut	370,469	160,283	8.1			
Florida	1,740,935	870,467	51.7			
Georgia	234,569	117,285	6.6			
Kansas	1,049,990	463,462	33.2			
Kentucky	1,838,146	857,651	42.5			
Maine	2,024,496	1,001,019	55.2			
Maryland				117,979	58,989	5.0
Massachusetts	1,481,881	603,939	27.6			
Michigan				1,071,097	503,140	25.2
Minnesota				177,239	51,000	2.5
Mississippi	174,691	79,929	5.3			
Missouri	1,695,575	784,435	72.4			
Montana	254,904	127,452	6.5			
New Hampshire	170,230	85,115	6.6	74,185	37,093	2.2
New Jersey				157,402	47,680	2.4
New York	8,235,458	3,161,734	210.7			
North Carolina	190,375	95,188	5.0			
Ohio	829,252	256,700	22.2	562,800	194,100	13.7
Oregon				145,210	72,605	5.5
Pennsylvania				913,292	425,960	20.0
Rhode Island				280,815	87,331	6.6
South Carolina				149,926	74,882	5.9
Tennessee	5,565,723	2,782,861	183.5			
Texas	1,001,010	335,667	31.3	932,684	365,000	35.6
Virginia	1,154,945	568,266	40.3	534,154	267,077	16.7
West Virginia	1,310,881	620,237	37.4			
Wisconsin	146,887	65,000	5.0			
Total	33,918,140	15,188,033	1,052.6	5,387,371	2,322,570	153.0

State.	70. Concrete.			80 and 90. Brick.		
	Estimated cost.	Federal aid.	Mileage.	Estimated cost.	Federal aid.	Mileage.
Alabama	$165,444	$82,722	4.6			
Arizona	586,414	358,373	18.4			
Arkansas	229,153	60,000	8.9			
California	3,672,524	1,831,170	119.5			
Colorado	1,230,876	640,785	31.1			
Connecticut	2,205,168	822,825	41.3			
Delaware	857,975	342,000	24.9			
Florida	284,984	142,492	8.9	$1,647,220	$733,476	38.0
Georgia	10,975	5,487	.4			
Idaho	481,639	175,000	13.1			
Illinois	1,022,573	425,622	21.7			
Indiana	6,253,371	3,007,038	142.7			
Iowa	3,875,043	1,840,411	119.8			
Kansas	9,997,261	2,826,583	185.4	3,019,120	710,028	47.1
Kentucky	586,014	293,007	15.9			
Maine	898,504	385,421	19.8			
Maryland	195,563	97,782	6.7			
Massachusetts	1,096,482	391,079	19.4			
Michigan	5,348,176	2,588,030	165.7			
Minnesota	2,924,144	1,365,292	103.3			
Mississippi	1,236,314	618,157	31.0			
Missouri	3,579,817	1,561,522	82.6			
Montana	77,153	15,535	.5			
Nebraska	94,104	35,860	1.8			
Nevada	143,868	69,600	3.5			
New Jersey	2,378,927	815,106	40.8			
New Mexico	270,420	166,329	13.5			
New York	8,588,510	3,519,453	204.8			
North Carolina	130,604	46,200	2.2			
Ohio	1,772,800	511,650	36.6	1,692,494	472,720	27.8
Oklahoma	4,517,986	1,612,731	120.2			
Oregon	731,206	419,424	24.1			
Pennsylvania	9,078,859	2,868,800	143.2			
South Carolina	217,598	89,051	7.3			
Tennessee	1,191,899	566,565	29.6			
Texas	2,690,165	717,715	64.0			
Utah	1,827,401	1,101,685	45.3			
Virginia	1,278,426	632,597	40.3			
Washington	598,283	284,000	15.2			
West Virginia	1,883,216	686,732	46.0			
Wisconsin	1,573,589	499,272	48.7			
Wyoming	604,267	220,787	12.1			
Total	86,387,695	34,739,890	2,084.8	6,358,834	1,916,224	112.9

Federal aid projects under construction arranged by major types of construction as of June 1, 1922—Continued.

State.	120. Bridges.			Total, all types.		
	Estimated cost.	Federal aid.	Mileage.	Estimated cost.	Federal aid.	Mileage.
Alabama	$295,200	$147,600	1.0	$5,610,380	$2,805,190	395.8
Arizona				3,405,007	1,630,097	201.5
Arkansas				4,380,105	1,881,651	406.9
California				9,561,586	4,808,634	426.9
Colorado	256,698	144,059	.8	3,492,133	1,792,073	187.9
Connecticut				2,575,637	983,108	49.4
Delaware				857,975	342,000	24.9
Florida	883,467	441,733	2.1	5,186,220	2,502,976	142.8
Georgia	557,030	204,275	1.0	3,594,881	1,668,997	375.8
Idaho				837,022	335,283	39.7
Illinois				1,022,573	425,622	21.7
Indiana				7,346,606	3,553,655	168.7
Iowa				9,032,163	4,134,670	939.9
Kansas				16,384,319	5,068,213	452.3
Kentucky	146,306	73,152	.1	5,446,693	2,661,924	215.7
Louisiana				4,121,175	1,808,032	289.8
Maine	464,348	223,950	.2	4,019,671	1,926,552	107.0
Maryland				356,944	178,472	16.7
Massachusetts	28,264	14,132		2,606,627	1,009,150	47.0
Michigan				7,860,263	3,807,679	291.0
Minnesota				10,704,311	4,193,887	944.2
Mississippi				5,291,270	2,616,150	411.2
Missouri	93,890	46,906	.5	8,981,261	4,142,183	497.5
Montana				1,879,005	937,047	174.5
Nebraska	25,438	12,719		4,994,716	2,480,669	736.8
Nevada				840,172	577,555	73.7
New Hampshire				506,689	249,968	25.8
New Jersey				2,536,329	862,786	43.2
New Mexico	24,543	12,272	.4	2,806,830	1,594,262	536.1
New York	37,956	18,978	.1	16,861,924	6,700,165	415.6
North Carolina	448,892	224,446	.9	2,527,084	1,241,395	152.2
North Dakota	1,323,996	661,998	.5	4,904,630	2,452,243	721.4
Ohio	106,000	53,000	.1	6,473,946	2,138,070	161.0
Oklahoma	969,670	473,276	1.9	9,050,010	3,827,234	355.6
Oregon				876,416	492,029	29.6
Pennsylvania				9,992,151	3,294,760	163.2
Rhode Island				280,815	87,331	6.6
South Carolina	1,204,365	602,181	5.2	3,980,160	1,884,915	425.6
South Dakota	61,914	30,957	.1	5,426,238	2,705,610	611.6
Tennessee	69,041	34,521	.4	10,905,566	5,417,445	387.2
Texas	150,359	54,500	.5	23,577,437	7,890,444	1,494.5
Utah	38,087	19,043	.6	3,509,701	1,942,835	231.6
Vermont	14,594	7,297		673,029	336,514	23.7
Virginia	138,410	66,079	.2	4,366,081	2,164,093	196.2
Washington				744,012	343,100	17.4
West Virginia				4,452,304	1,915,892	160.3
Wisconsin				5,756,101	2,291,227	459.5
Wyoming	331,080	169,788	1.5	3,673,645	1,885,970	256.1
Total	7,669,548	3,736,863	18.1	254,269,813	109,989,757	14,513.3

Federal aid status, shows obligated and unobligated funds as of June 30, 1922.

States.	Federal aid apportioned fiscal years 1917 to 1922.	Amount obligated, sum of columns 4, 6, 8, and 10.	Balance unobligated.	Project statements approved.		P. S. and E. recommended by district engineer.		Agreements executed.		Entire projects completed and paid for.		Total mileage, sum of columns 5, 7, 9, and 11.
				Federal aid.	Miles.	Federal aid.	Miles.	Federal aid.	Miles.	Federal aid.	Miles.	
	1	2	3	4	5	6	7	8	9	10	11	12
Alabama	$7,329,973	$6,809,279	$520,694	$1,803,846	203.4	$227,498	21.1	[1] $3,306,897	482.3	$1,471,038	319.6	1,026.4
Arizona	4,824,633	[1] 4,289,530	[1] 535,103	688,662	92.3	283,951	60.9	[1 2] 1,583,128	194.0	1,733,789	175.5	522.7
Arkansas	5,874,072	5,329,827	1,544,245	637,225	148.0	138,000	34.0	[2] 2,839,699	552.9	1,714,903	449.1	1,184.0
California	10,846,453	[1 2] 9,038,202	1,808,251	792,323	52.5	1,095,545	78.7	5,726,397	518.8	1,423,937	160.9	810.9
Colorado	6,121,240	5,425,327	695,913	1,478,702	196.9	186,565	8.3	[1 2] 2,128,714	237.5	1,631,346	220.8	663.5
Connecticut	2,170,222	1,593,648	576,574	289,600	14.5	.....	.....	1,140,138	60.6	163,910	13.1	88.2
Delaware	813,280	[2] 805,655	[2] 7,625	.....	.....	52,000	2.6	360,000	28.6	393,655	28.1	59.3
Florida	4,036,938	[2] 3,123,773	[2] 913,165	251,618	21.9	106,750	1.6	2,735,705	174.2	29,700	15.6	213.3
Georgia	9,405,536	8,716,399	689,137	528,921	171.2	718,207	148.3	[1 2] 1,832,992	433.0	5,636,279	730.8	1,483.3
Idaho	4,298,926	3,860,716	438,210	397,476	51.5	240,633	26.2	194,207	18.1	3,028,400	404.9	500.7
Illinois	15,270,548	13,881,832	1,388,716	2,456,279	151.8	.....	.....	[1 2] 756,650	39.8	10,668,903	702.9	894.5
Indiana	9,374,148	7,817,266	1,556,882	1,508,656	119.0	1,418,537	51.8	[2] 3,213,178	189.4	1,676,895	91.7	451.9
Iowa	10,042,216	9,959,940	82,276	581,650	246.6	784,700	194.3	5,081,711	1,110.5	3,511,879	488.9	2,040.3
Kansas	9,997,591	8,651,722	1,345,869	328,321	53.2	387,744	33.8	6,043,376	551.9	1,892,281	140.2	779.1
Kentucky	6,787,243	5,304,505	1,482,738	535,809	60.1	101,211	13.8	[1 2] 3,442,519	292.1	1,224,966	130.3	496.3
Louisiana	4,739,514	[1] 3,859,574	[1] 879,940	61,016	8.3	170,984	9.5	[1 2] 241,386	386.2	1,386,188	283.2	687.2
Maine	3,341,124	3,214,225	126,899	35,200	1.8	549,091	44.3	[2] 1,772,653	99.3	857,281	65.3	210.7
Maryland	3,031,378	[2] 2,982,984	[2] 48,394	181,524	16.0	258,924	24.2	270,218	21.8	2,272,318	166.9	228.9
Massachusetts	5,148,741	4,975,697	173,044	1,075,007	54.5	600,959	29.8	1,540,016	81.2	1,759,715	113.4	278.9
Michigan	10,210,828	9,797,905	412,923	2,491,472	166.1	714,578	43.0	4,911,662	365.4	1,680,193	162.0	736.5
Minnesota	9,938,980	9,680,974	258,006	219,430	58.9	920,722	163.4	4,479,019	946.8	4,061,833	1,144.6	2,213.7
Mississippi	6,246,449	4,748,406	1,493,043	172,086	47.5	231,022	59.5	[1] 2,891,667	433.5	1,453,631	300.5	832.0
Missouri	11,770,204	9,032,546	2,737,658	1,334,734	395.6	499,060	87.7	5,828,107	799.8	1,370,645	190.0	1,473.1
Montana	7,045,713	5,474,094	1,571,619	1,347,698	432.2	31,122	4.5	[1 2 3] 1,503,568	295.5	2,591,706	464.4	1,196.6
Nebraska	7,447,951	5,819,293	1,628,658	483,038	339.7	224,607	102.7	4,612,125	1,619.4	499,523	168.1	2,229.9
Nevada	4,480,713	2,808,618	1,672,095	247,473	59.4	47,748	5.0	1,635,737	272.1	877,660	115.6	452.1
New Hampshire	1,508,714	1,321,716	186,998	81,096	4.3	120,028	10.8	[2] 214,074	24.4	906,518	118.2	157.7
New Jersey	4,208,170	4,058,887	149,283	422,425	23.3	168,624	8.6	2,306,381	47.0	1,161,457	70.7	149.6
New Mexico	5,579,618	4,162,984	1,416,634	645,942	205.6	233,411	93.8	[1] 2,393,182	753.0	890,449	184.7	1,237.1
New York	17,385,250	14,235,173	3,150,077	2,245,333	126.0	1,593,471	100.0	8,710,153	534.9	1,686,216	110.8	871.7
North Carolina	7,980,025	7,002,213	977,812	512,284	35.3	355,257	19.8	3,529,573	523.4	2,605,099	402.7	981.2
North Dakota	5,387,202	4,166,438	1,220,764	494,927	193.3	184,959	71.7	2,846,673	848.3	639,879	311.7	1,425.0
Ohio	13,025,952	12,467,409	558,543	2,533,675	144.4	1,454,729	100.6	[1 2] 2,825,101	228.6	5,653,904	481.1	954.7
Oklahoma	8,090,585	6,300,504	1,790,081	.....	.....	494,964	58.7	4,687,573	397.8	1,117,967	86.2	542.7
Oregon	5,514,842	[3] 5,258,718	[3] 256,124	530,525	54.9	313,745	20.8	381,491	46.8	4,032,957	449.7	572.2

[1] Reduction due to payment of final vouchers.
[2] Difference due to revision of project statement or agreement estimates.
[3] Reduction due to withdrawal or cancellation of projects.

Federal aid status, shows obligated and unobligated funds as of June 30, 1922—Continued.

States.	Federal aid apportioned fiscal years 1917 to 1922.	Amount obligated, sum of columns 4, 6, 8, and 10.	Balance unobligated.	Project statements approved.		P. S. and E. recommended by district engineer.		Agreements executed.		Entire projects completed and paid for.		Total mileage, sum of columns 5, 7, 9, and 11.
				Federal aid.	Miles.	Federal aid.	Miles.	Federal aid.	Miles.	Federal aid.	Miles.	
	1	2	3	4	5	6	7	8	9	10	11	12
Pennsylvania	$16,031,598	$15,882,170	$149,428	$633,980	31.7	$1,478,200	73.9	$5,397,823	267.1	$8,372,167	440.1	812.8
Rhode Island	1,006,791	743,335	263,456	36,000	1.8	69,924	3.9	87,331	6.6	550,080	32.0	44.3
South Carolina	5,007,855	4,437,512	570,343	302,150	92.5	384,618	130.1	1,897,731	427.7	1,853,013	393.6	1,043.9
South Dakota	5,656,943	4,550,144	1,106,799	339,922	160.2	211,763	77.3	3,298,840	718.8	699,619	154.8	1,111.1
Tennessee	7,875,830	7,671,630	204,200	944,724	44.3	807,286	64.3	5,332,723	389.5	586,897	41.1	539.2
Texas	20,525,577	17,756,495	2,769,082	1,873,045	323.4	893,009	198.2	[1 2] 10,262,502	1,980.7	4,727,939	1,130.6	3,632.9
Utah	3,966,624	3,481,463	485,161	547,865	66.9	177,169	6.6	2,489,929	309.7	266,500	21.4	404.6
Vermont	1,607,729	1,171,523	436,206	57,420	4.8	148,096	11.0	[1 2] 702,043	50.8	263,964	21.9	88.5
Virginia	6,908,559	5,939,037	969,522	498,095	54.9	693,856	62.2	3,443,468	345.1	1,303,618	174.4	636.6
Washington	5,075,385	4,924,714	150,671	47,000	5.8	104,105	6.5	990,350	65.7	3,783,259	353.8	431.8
West Virginia	3,724,864	3,720,258	4,606	.....	.....	143,335	8.8	2,384,759	202.2	1,192,164	134.5	345.5
Wisconsin	8,899,097	6,763,510	2,135,587	446,565	127.9	619,132	131.4	[2] 1,829,348	367.5	3,868,465	677.8	1,304.6
Wyoming	4,313,176	4,001,151	312,025	523,929	115.1	454,890	40.2	[2 3] 1,878,241	326.7	1,144,091	316.5	798.5
Total	339,875,000	297,018,921	42,856,079	33,644,638	4,979.3	21,094,729	2,539.2	139,960,758	19,067.0	102,318,796	13,354.7	39,940.2

[1] Reduction due to payment of final vouchers.
[2] Difference due to revision of project statement or agreement estimates.
[3] Reduction due to withdrawal of cancellation of projects.

NOTE.—In drawing off the figures for this table the cents have been dropped from all project estimate and cost records.

Bureau of Public Roads, Federal aid status as of June 30, 1922.

States.	Federal aid apportioned fiscal years 1917 to 1922.	Federal aid under construction.[1]	Available for new construction.	Federal aid completed.[2]	Uncompleted Federal aid on projects under construction.	Amounts Federal aid paid States.	Balance Federal aid earned.
Alabama	$7,329,973	$4,485,559	$2,844,414	$2,521,926	$1,963,633	$2,023,403	$498,523
Arizona	4,824,633	[3 4] 3,449,798	1,374,835	[3] 2,911,866	537,932	2,706,621	205,245
Arkansas	5,874,072	4,420,402	1,453,670	3,799,457	620,945	3,291,482	507,975
California	10,846,453	7,931,166	2,915,287	5,719,194	2,211,972	3,856,186	1,863,008
Colorado	6,121,240	3,871,070	2,250,170	3,243,844	627,226	2,680,248	563,596
Connecticut	2,170,222	1,304,048	866,174	920,636	383,412	809,822	110,814
Delaware	813,280	735,655	77,625	462,055	273,600	461,548	507
Florida	4,036,938	[4] 2,872,155	1,164,783	1,520,548	1,351,607	810,235	710,313
Georgia	9,405,536	7,618,839	1,786,697	6,934,550	684,289	6,678,707	255,843
Idaho	4,298,926	3,463,240	835,686	3,261,661	201,579	3,145,837	115,824
Illinois	15,270,548	[3 4] 11,425,553	3,844,995	[3 4] 11,323,404	102,149	11,093,043	230,361
Indiana	9,374,148	5,818,839	3,555,309	3,828,792	1,990,047	2,445,878	1,382,914
Iowa	10,042,216	8,722,711	1,319,505	7,645,029	1,077,682	5,604,936	2,040,093
Kansas	9,997,591	8,020,719	1,976,872	[4] 5,790,705	2,230,014	4,597,477	1,193,228
Kentucky	6,787,243	4,710,498	2,076,745	3,592,490	1,118,008	2,838,897	753,593
Louisiana	4,739,514	[3] 3,798,558	940,956	[3] 3,527,353	271,205	3,083,184	444,169
Maine	3,341,124	2,836,214	504,910	2,296,779	539,435	1,861,223	435,556
Maryland	3,031,378	2,524,511	506,867	2,372,810	151,701	2,278,187	94,623
Massachusetts	5,148,741	3,336,506	1,812,235	[3 4] 2,680,558	655,948	2,066,810	613,748
Michigan	10,210,828	7,182,693	3,028,135	5,050,393	2,132,300	4,477,186	573,207
Minnesota	9,938,980	[3] 8,922,574	1,016,406	7,454,714	1,467,860	7,162,927	291,787
Mississippi	6,246,449	4,466,940	1,779,509	3,394,319	1,072,621	2,784,496	609,823
Missouri	11,770,204	6,040,434	5,729,770	[5] 3,637,968	2,402,466	3,227,749	410,219
Montana	7,045,713	[3] 3,909,310	3,136,403	[3 4 5] 3,562,603	346,707	3,414,071	148,532
Nebraska	7,447,951	4,757,467	2,690,484	4,509,400	248,067	3,364,816	1,144,584
Nevada	4,480,713	1,869,900	2,610,813	1,581,123	288,777	1,258,303	322,820
New Hampshire	1,508,714	1,167,082	341,632	1,074,594	92,488	1,016,026	58,568
New Jersey	4,208,170	2,255,703	1,952,467	1,850,195	405,508	1,464,777	385,418
New Mexico	5,579,618	3,283,289	2,296,329	[3] 2,645,584	637,705	2,214,206	431,378
New York	17,385,250	[4] 8,834,921	8,550,329	4,546,815	4,288,106	3,403,340	1,143,475
North Carolina	7,980,025	6,134,672	1,845,353	5,960,877	173,795	5,308,161	652,716
North Dakota	5,387,202	3,613,888	1,773,314	[3] 2,976,305	637,583	2,679,976	296,329
Ohio	13,025,952	[3 4] 8,113,405	4,912,547	[3 4 5] 7,386,461	726,944	7,034,570	351,891
Oklahoma	8,090,585	5,533,700	2,556,885	3,964,534	1,569,166	3,550,571	413,963
Oregon	5,514,842	4,588,556	926,286	4,258,897	329,659	4,250,034	8,863
Pennsylvania	16,031,598	[3] 13,801,510	2,230,088	12,384,763	1,416,747	11,244,455	1,140,308
Rhode Island	1,006,791	637,411	369,380	589,379	48,032	575,853	13,526
South Carolina	5,007,855	[3] 3,862,648	1,145,207	[3] 3,070,984	791,664	2,679,077	391,907
South Dakota	5,656,943	4,090,700	1,566,243	[4] 3,008,456	1,082,244	2,573,570	434,886

[1] Includes projects entirely completed.
[2] Includes completed portions of projects under construction.
[3] Reduction due to payment of final vouchers.
[4] Difference due to revision of project statement or agreement estimates.
[5] Reduction due to withdrawal or cancellation of projects.

Bureau of Public Roads, Federal aid status as of June 30, 1922—Continued.

States.	Federal aid apportioned fiscal years 1917 to 1922.	Federal aid under construction.	Available for new construction.	Federal aid completed.	Uncompleted Federal aid on projects under construction.	Amounts Federal aid paid States.	Balance Federal aid earned.
Tennessee	$7,875,830	$6,726,906	$1,148,924	$3,747,311	$2,979,595	$2,757,207	$990,104
Texas	20,525,577	15,242,320	5,283,257	12,086,142	3,156,178	9,637,560	2,448,582
Utah	3,966,624	2,510,177	1,456,447	1,674,758	835,419	1,135,907	538,851
Vermont	1,607,729	879,597	728,132	694,514	185,083	564,869	129,645
Virginia	6,908,559	4,964,149	1,944,410	3,882,103	1,082,046	3,323,766	558,337
Washington	5,075,385	4,259,009	816,376	4,053,149	205,860	3,929,289	123,860
West Virginia	3,724,864	3,402,341	322,523	2,846,732	555,609	2,431,279	415,453
Wisconsin	8,899,097	6,254,806	2,644,291	5,613,262	641,544	4,964,542	648,720
Wyoming	4,313,176	3,416,812	896,364	2,700,143	716,669	2,149,245	550,898
Total	339,875,000	242,068,961	97,806,039	194,560,135	47,508,826	166,911,552	27,648,583

Status of construction on Federal-aid post-road projects as of June 30, 1922.

State.	Projects under construction.					Projects completed, but final payments not made.			Projects on which construction is completed and final payment made.		
	Total estimated cost.	Federal aid.	Miles.	Per cent complete.	Federal aid.	Total estimated cost.	Federal aid.	Miles.	Total estimated cost.	Federal aid.	Miles.
Alabama	$5,610,380	$2,805,190	395.8	30	$841,557	[1] $418,662	[1] $209,331	[1] 31.4	$3,117,022	$1,471,038	319.6
Arizona	[1 2] 3,405,007	[1 2] 1,630,097	201.5	67	[1 2 3] 1,092,165	[1] 171,824	[1] 85,912	[1] 16.0	3,516,668	1,733,789	175.5
Arkansas	[1 2] 4,380,105	[1 2] 1,881,651	406.9	67	1,260,706	1,935,711	823,848	[1] 127.4	5,137,992	1,714,903	449.1
California	[2] 9,561,586	[2] 4,808,634	[2] 426.9	54	[2] 2,596,662	3,426,854	1,698,595	144.6	3,097,189	1,423,937	160.9
Colorado	[1] 3,492,133	1,792,073	[1] 187.9	65	1,164,847	882,579	447,651	54.6	3,469,705	1,631,346	220.8
Connecticut	2,575,637	983,108	49.4	61	599,696	314,061	157,030	11.1	347,482	163,910	13.1
Delaware	857,975	342,000	24.9	20	68,400	.....	.....	.....	1,615,761	393,655	28.1
Florida	[2] 5,186,220	[2] 2,502,976	142.8	46	1,151,369	706,414	339,479	33.1	69,466	29,700	15.6
Georgia	[1 2] 3,594,881	1,668,997	375.8	59	984,708	[1 2] 660,022	[1 2] 313,563	[1 2] 76.4	12,463,463	5,636,279	730.8
Idaho	837,022	335,283	39.7	40	133,704	199,114	99,557	4.6	6,398,970	3,028,400	404.9
Illinois	1,022,573	425,622	21.7	76	[1 2] 323,473	[1] 761,538	[1] 331,028	[1] 18.1	23,424,609	10,668,903	702.9
Indiana	7,346,606	3,553,655	168.7	44	[2] 1,563,608	1,177,737	588,289	29.6	3,489,836	1,676,895	91.7
Iowa	[1] 9,032,163	[2] 4,134,670	939.9	74	3,056,988	[1] 2,956,679	1,076,162	188.5	9,199,215	3,511,879	488.9
Kansas	[1 2] 16,384,319	5,068,213	[1 2] 452.3	56	[1 2] 2,838,199	3,725,827	1,060,225	113.6	5,766,072	1,892,281	140.2
Kentucky	5,446,693	2,661,924	[2] 215.7	58	1,543,916	1,672,294	[1] 823,608	[1] 86.6	2,857,107	1,224,966	130.3

Louisiana	4,121,175	1,808,032	289.8	85	1,536,827	[1] 1,259,409	[1] 604,338	[1] 105.9	3,177,926	1,386,188	283.2
Maine	4,019,671	1,926,552	107.0	72	1,387,117	[1] 104,763	[1] 52,381	[1] 2.9	1,819,125	[1] 857,281	[1] 65.3
Maryland	356,944	178,472	16.7	15	26,771	148,216	73,721	4.1	4,804,946	2,272,318	166.9
Massachusetts	2,606,627	1,009,150	47.0	35	[1 2] 353,202	1,324,726	[1] 567,641	33.5	4,360,494	1,759,715	113.4
Michigan	7,860,263	3,807,679	291.0	44	1,675,379	3,719,481	1,694,821	110.7	3,528,218	1,680,193	162.0
Minnesota	[1] 10,704,311	4,193,887	944.2	65	2,726,027	[1] 1,660,133	[1] 666,854	[1] 92.3	10,481,855	4,061,833	1,144.6
Mississippi	[1] 5,291,270	2,616,150	411.2	59	1,543,529	[1] 794,319	[1] 397,159	[1] 50.5	3,076,713	1,453,631	300.5
Missouri	8,981,261	4,142,183	497.5	42	[3] 1,739,717	1,328,499	527,606	57.4	3,056,395	1,370,645	190.0
Montana	[1] 1,879,005	[1] 937,047	174.5	63	[1 2 3] 590,340	752,621	[1] 380,557	92.3	5,298,390	2,591,706	464.4
Nebraska	4,994,716	2,480,669	736.8	90	2,232,602	3,611,102	1,777,275	[1] 720.7	1,192,299	499,523	168.1
Nevada	[1 2] 840,172	[1 2] 577,555	73.7	50	288,778	842,078	414,685	66.4	1,943,658	877,660	115.6
New Hampshire	506,689	249,968	25.8	63	157,480	[1] 21,193	10,596	[1] 1.6	1,882,699	906,518	118.2
New Jersey	2,536,329	862,786	43.2	53	457,278	726,078	231,460	11.6	3,073,022	1,161,457	70.7
New Mexico	2,806,830	1,594,262	536.1	60	[1] 956,557	1,570,439	[1] 798,578	[1] 206.2	1,784,607	890,449	184.7
New York	16,861,924	[1 2] 6,700,165	415.6	36	2,412,059	[1] 1,176,500	448,540	21.0	3,724,029	1,686,216	110.8
North Carolina	[1] 2,527,084	[1] 1,241,395	152.2	86	1,067,600	4,978,954	2,288,178	371.2	5,731,874	2,605,099	402.7
North Dakota	[1] 4,904,630	[1] 2,452,243	[1] 721.4	74	[1] 1,814,660	[1] 1,064,530	521,766	180.3	1,363,638	639,879	311.7
Ohio	[1 2] 6,473,946	[1 2] 2,138,070	[1 2] 161.0	66	[1 2 3] 1,411,126	[1] 805,362	321,431	31.8	16,845,532	5,653,904	481.1
Oklahoma	9,050,010	3,827,234	355.6	59	2,258,068	1,348,350	588,499	31.5	2,398,173	1,117,967	86.2
Oregon	876,416	492,029	29.6	33	162,370	127,139	63,570	12.8	9,036,285	4,032,957	449.7
Pennsylvania	[1 2] 9,992,151	3,294,760	[1 2] 163.2	57	1,878,013	5,996,531	[1] 2,134,583	105.4	21,382,726	8,372,167	440.1
Rhode Island	280,815	87,331	6.6	45	39,299				1,284,455	550,080	32.0
South Carolina	[1 2] 3,980,160	[1 2] 1,884,915	[1 2] 425.6	58	[1] 1,093,251	[1] 250,949	124,720	30.7	3,957,404	1,853,013	393.6
South Dakota	5,426,238	2,705,610	611.6	60	1,623,366	1,445,942	685,471	145.6	1,422,407	699,619	154.8
Tennessee	[2] 10,905,566	[2] 5,417,445	[1] 387.2	45	2,437,850	1,451,602	722,564	66.6	1,241,632	586,897	41.1
Texas	[1 2] 23,577,437	[1 2] 7,890,444	[1 2] 1,494.5	60	4,734,266	6,810,928	2,623,937	485.0	11,584,550	4,727,939	1,130.6
Utah	3,509,701	1,942,835	231.6	57	1,107,416	601,683	300,842	38.1	548,904	266,500	21.4
Vermont	673,029	336,514	23.7	45	151,431	559,227	[1] 279,119	[1] 20.0	540,503	263,964	21.9
Virginia	4,366,081	2,164,093	196.2	50	1,082,047	3,029,748	1,496,438	167.7	2,693,380	1,303,618	174.4
Washington	744,012	343,100	17.4	40	137,240	424,573	[1] 132,650	[1] 8.5	8,025,744	3,783,259	353.8
West Virginia	4,452,304	1,915,892	160.3	71	1,360,283	[1] 633,710	294,285	[1] 31.7	2,687,375	1,192,164	134.5
Wisconsin	5,756,101	2,291,227	459.5	72	1,649,683	[1] 222,179	95,114	24.9	10,522,740	3,868,465	677.8
Wyoming	3,673,645	1,885,970	256.1	62	1,169,301	763,811	386,751	97.2	2,460,178	1,144,091	316.5
Total	254,269,813	109,989,757	14,513.3	56	62,480,931	68,564,091	29,760,408	4,361.7	240,902,433	102,318,796	13,354.7

[1] Reduction due to payment of final vouchers.
[2] Difference due to revision of project statement or agreement estimates.
[3] Reduction due to withdrawal or cancellation of projects.

PART 3.

FOREST ROADS.

Status of forest road projects undertaken by the Bureau of Public Roads under the act of Congress approved July 11, 1916, as amended.

[Arranged by States and the Territory of Alaska.]

CALIFORNIA.

Project name.	Length of survey.	Per cent of survey completed.	Length constructed or under construction to date.	Per cent of construction completed.
	Miles.		*Miles.*	
Hawkins Bar road and bridge	0.33	100	0.33	100
Workmans Bar bridge	.06	100	.06	100
Cuyama	16.30	53	.....	.....
Hayfork-Hyampom	16.40	100	.....	.....
Huntington Lake	6.70	100	6.70	100
Long Lake	3.10	100	.....	.....
Palomar	15.70	100	.....	.....
San Gabriel	8.50	100	[1] 1.40	100
Alturas-Cedarville	23.40	100	[1] 7.71	100
Gold Lake	16.90	100	.....	.....
Sonora-Longbarn	13.30	100	.....	.....
Klamath River:				
Happy Camp	41.60	100	38.20	100
Sommes Bar	.....	.....	3.40	35
Quincey-Beckwith	5.40	100	.....	.....
Big Bear Valley	13.00	100	10.40	1
Carson Big Trees	15.60	98	.....	.....
Devils Basin	15.50	89	.....	.....
Mariposa Big Trees	30.60	86	.....	.....
Redding-Alturas	13.00	80	.....	.....
Red Bluff-Susanville	11.00	50	.....	.....
Arroyo-Seco	3.80	100	3.80	99
Tule River	8.30	100	([1])	.....
Laguna	14.60	100	14.60	100
Trinity	4.70	100	4.70	100
Salmon River	18.00	100	6.80	100
Klamath River (Orleans-Some Bar)	7.40	100	7.40	100
San Dimas	1.10	100	([1])	.....
State Line-Gasquet	15.00	31	.....	.....

NEVADA.

Austin Eureka	12.00	100	12.00	100
Charlston-Jarbridge	20.00	100	.....	.....
Currant Creek	14.60	100	.....	.....
Tonopah Road	18.60	100	13.90	100

COLORADO.

Monarch Pass	27.68	100	27.47	100
Rabbit Ears	8.94	100	8.94	100
Sedalia-Decker Springs	6.31	100	[2] 14.82	100
Durango-Silverton	52.80	100	50.47	75
Mount Evans	9.40	100	9.36	100
Berthoud Pass	30.10	100	16.60	73
Independence Pass	5.16	100	3.52	100
Do	2.80	68	.....	.....
Nederland-Ward	10.50	100	10.50	100
Bardine-Redstone	29.30	100	.....	.....
Red Mountain	11.40	100	2.01	1
Cumbres Pass	19.43	100	8.83	1
Mosca Pass	12.14	97	.....	.....
Hardscrabble	17.80	100	2.30 15.20	100 1
Crested Butte Somerset	.....	.....	25.00	100

[1] Other sections under construction or completed by other agencies.
[2] Includes 8.51 miles surveyed by Forest Service.

Status of forest road projects undertaken by the Bureau of Public Roads under the act of Congress approved July 11, 1916, as amended—Continued.

SOUTH DAKOTA.

Project name.	Length of survey.	Per cent of survey completed.	Length constructed or under construction to date.	Per cent of construction completed.
Deadwood-Hot Springs:				
Custer Peak section	15.77	100	15.13	100
Custer Pringle section	12.50	100	.....	.....
Willow Creek section	7.50	100	6.77	100
Pennington County section	31.80	100	11.58	29

MINNESOTA.

Cass Lake-Ball Club	30.13	100	15.04	100
Cass Lake-Bridge	.....	.....	.10	100

ARKANSAS.

Ozark Road	33.85	100	33.85	100
Buck Knob-Oden	9.66	100	9.66	67
Foran Gap	11.17	100	.....	.....

TENNESSEE.

Bristol Road	12.23	100	12.23	100

UTAH.

Cedar-Long Valley	27.70	100	19.40	95
Ephraim-Orangeville	36.20	100	36.20	100
Heber-Fruitland	49.10	100	[1] 28.90	100
Logan-Garden City	37.97	100	37.97	100
Modena-St. George	42.10	100	[1] 29.20	100
Salina-Emery	50.30	100	10.00	100
Sevier-Cove Fort	20.50	100	20.50	100
Sevier-Cove Fort (widening)	(6.00)	1	.....	.....
Circleville Canyon	5.50	75	.....	.....

ARIZONA.

Clifton-Springerville:				
Greenlee County forest road project	44.31	100	44.31	14
Apache County forest road section	8.12	100	.....	.....
Apache County cooperative section	8.21	100	.....	.....
Greenlee County cooperative project	33.46	100	([1])	.....
Apache Camp-Soldier Camp	7.48	100	7.48	100
Oak Creek Cutoff	4.80	100	4.80	100
Snowflake-Pinetop	37.72	100	37.72	100
Oracle-Apache Camp	21.43	100	16.40	100
Alpine-Reserve section 1	6.91	100	.....	.....
Young-Holbrook	47.27	100	.....	.....
Salt River-Pleasant Valley	40.02	100	22.31	.....
Oak Creek Road	20.00	98	.....	.....
Salt River Bridge	.04	100	.04	100
Prescott-White Spar	18.00	5	.....	.....
Flagstaff-Angel	23.00	3	.....	.....
Strawberry-Fossil Creek	14.00	1	.....	.....

VIRGINIA.

James River	8.50	100	6.70	48

Status of forest road projects undertaken by the Bureau of Public Roads under the act of Congress approved July 11, 1916, as amended—Continued.

NEW MEXICO.

Project name.	Length of survey.	Per cent of survey completed.	Length constructed or under construction to date.	Per cent of construction completed.
Cimarron-Taos	18.23	100	14.36	100
Hondo-Mescalero	26.45	100	26.45	100
Tijeros-Canyon	4.65	100	4.65	100
Glorieta-Panchuela	17.00	100	17.00	100
Highrolls-Weed	27.75	100	27.75	100
Datil-Reserve	31.21	100	.....	.....
Capitan-Nogal Hill	6.72	100	6.72	100
Carlsbad-Queen	15.40	100	.....	.....
Tijeros-Placitas	23.09	100	.....	.....
Gleendwood Reserve	39.26	100	.....	.....
Tusas-Tres Piedras	7.12	100	.....	.....
Alpine-Reserve	21.40	100	7.22	100
Do	.....	.....	7.98	15
Navajo Canyon	10.13	100	10.13	60
Glorieta-Panchuela (surfacing)	.....	.....	(17.00)	25
Scenic Highway	10.00	79	.....	.....
Coyote-Regina	26.64	99	.....	.....
Cedro Canyon	9.70	72	.....	.....
Rio Penasco	6.00	50	.....	.....
Weed-Pinon	18.00	50	.....	.....
Canyoncito-Pecos	12.00	78	.....	.....
Glenwood-Reserve section 4	11.00	40	.....	.....
Cimarron-Taos	18.00	47	.....	.....
WYOMING.				
Buffalo Tensleep	71.00	100	62.05	72
Wind River	68.70	100	33.63	50
Aladdin-Hulett	10.70	100	2.59	1
Encampment-Slater	42.80	100	4.32	100
Central Brooklyn Lake	9.80	100	2.98	100
Hoback Canyon	46.40	100	46.40	14
Salt Creek-Smoot	4.18	1	.....	.....
Star Valley-Yellowstone	26.80	100	.....	.....
Teton Pass	.....	.....	11.00	100
FLORIDA.				
East Bay Bridge	.....	100	.....	100
Crestview Camp Walton	27.92	100	27.92	100
Camp Pinchot Spur	.41	100	.41	100
Rocky Bayou Bridge	.29	100	.29	100
Niceville and Rocky Bayou Road	4.76	100	.....	.....
NOTH CAROLINA.				
Marion-Micaville	28.00	100	.....	.....
Three States	20.90	100	20.90	100
Bennett Gap	10.10	100	10.10	100
ALASKA.				
Seaward-Kenai Lake section 1	3.00	100	3.00	100
Salmon River Road	8.70	100	8.70	100
Juneau-Eagle Road	4.00	100	4.00	100
Petersburg-Scow Bay	3.10	100	3.10	98
Katalla-Chilkat	4.60	100	[3] 14.00	100
Cordova-Wharf	.....	.....	.....	.....
Glacier Highway-Mendenhall Loop	1.67	100	1.67	96
Glacier Highway-Tee Harbor section	7.00	100	7.00	6
Cordova-Eyak Lake:				
Section 1	1.75	100	1.75	100
Section 2	4.53	100	4.53	1
Ketchikan-Wards Cove:				
Section 1	4.15	100	4.15	89
Section 2	2.35	100	2.35	4
Seward-Kenai Lake:				
Section 2	4.00	100	4.00	1
Section 3	4.34	100	.....	.....
Quartz Creek-Russian Road:				
Section A	13.00	100	13.00	100
Section B	12.30	73	.....	.....
Wrangell Oil Dock	1.40	100	.....	.....
Salmon River approach	.53	100	.....	.....
Portage Road	.....	.....	3.75	100
Salmon River	.....	.....	(4)	30

[3] 9.4 miles built without survey.

[4] Improvement and river protection only.

Status of forest road projects undertaken by the Bureau of Public Roads under the act of Congress approved July 11, 1916, as amended—Continued.

IDAHO.

Project name.	Length of survey.	Per cent of survey completed.	Length constructed or under construction to date.	Per cent of construction completed.
Fourth of July:				
No. 1	12.40	100	12.40	100
No. 2	3.00	100	3.00	100
Kooskia-Lowell	22.80	100	22.80	100
South Fork-Clearwater	13.80	100	11.17	100
Greer Bungalow	36.68	100	[5] 22.38	100
Do	22.69	69	.....	.....
Lolo Pass	80.80	29	.....	.....
Kootenai-Cabinet	10.00	74	.....	.....
Lookout Pass	4.00	100	(1)	.....
Wolf Lodge-Squaw Bay	4.84	100	.....	.....
North and South Highway	.....	.....	6.22	100
Cascade-Knox	24.10	100	[1] 23.10	50
Dustin Bridge	.03	100	.03	98
Ketchum-Clayton Galena section	9.96	100	9.96	100
Ketchum-Clayton Ketchum section	24.10	100	3.58	100
Montpelier-Afton	35.50	100	21.72 13.78	100 1
Noble-Montana	24.10	100	.....	.....
North Fork Payette	22.80	100	19.90	100
Soda Springs-Freedom	23.20	100	(1)	.....
Warm River-Yellowstone	47.55	100	47.55	100
Dubois-Monida	15.73	100	.....	.....
Warren Wagon Road	17.88	100	[1] 2.70 14.18	100 1
Do	29.12	70	.....	.....
Lowman-Stanley	50.90	77	.....	.....
North Fork Payette No. 2	15.00	15	.....	.....
Victor-Irwin	22.20	91	.....	.....
Warm River-Yellowstone:				
Widening	(5.21)	70	.....	.....
Graveling	.....	.....	(26.10)	14

MONTANA.

N. F. Flathead	29.50	100	29.50	100
Belt Creek	18.89	100	18.89	100
Sheep Creek:				
Section 1	4.95	100	4.95	100
Section 2	5.22	100	5.22	100
Yaak Valley, section 2-3	25.00	100	25.00	100
East Fork	5.09	100	5.09	100
Glacier Park Summit	8.00	100	3.60	100
West Gallatin	5.68	100	5.68	100
Squaw Creek section	3.72	100	3.72	100
Sage Brush section	1.10	100	1.10	100
Moose Creek section	1.20	100	1.20	100
Swan Creek section	1.70	100	1.70	100
Asbestos Creek section	1.60	100	1.60	100
Burnt Flat section	.98	100	.98	100
Gold Springs section	2.01	100	2.01	100
Portal Creek section	2.72	100	2.72	100
Beaver Creek section	7.00	100	.....	.....
Lookout Pass	2.00	100	.....	.....
Lolo Pass	7.40	100	.....	.....
West Fork-Rock Creek	11.65	100	.....	.....
Coram-Spotted Bear	30.00	100	23.80	100
Leonia Bridge	.11	100	.11	100
Skalkaho	12.23	100	12.23	12
Targhee Pass	1.62	100	1.62	100
Libby-Rexford	41.60	100	.....	.....
Do	13.90	100	(1)	.....
Middle Creek	14.40	90	.....	.....
St. Regis	12.80	66	.....	.....
Coram-Spotted Bear No. 2	26.50	17	.....	.....
Gibbons Pass	6.90	100	6.90	100
Swan River, lake section	8.00	100	8.00	100
Alberton	4.10	100	4.10	100
Lookout Pass	2.50	100	.....	.....
Glacier Park	1.10	100	1.10	100

[5] 12.69 miles of this built by Clearwater highway district.
[1] Other sections under construction or completed by other agencies.

Status of forest road projects undertaken by the Bureau of Public Roads under the act of Congress approved July 11, 1916, as amended—Continued.

OREGON.

Project name.	Length of survey.	Per cent of survey completed.	Length constructed or under construction to date.	Per cent of construction completed.
Middle Elk	2.65	100	2.65	100
Flora-Enterprise	12.90	100	12.90	100
Cayonville-Galesville	11.00	100	11.00	100
Three Rivers	10.35	100	8.70	100
Ochoco Canyon:				
Crook County	9.70	100	9.70	100
Wheeler County	10.81	100	9.73	100
Medford-Klamath Falls-Anna Creek, section 1	3.50	100	3.50	100
Grants Pass-Crescent City, Hayes Hill section	2.39	100	1.98	100
Ochoco Canyon-Wheeler County (surfacing)	.....	.....	(9.73)	65
Lapine-Lake View	18.20	100	.....	.....
Coast Highway, Reedsport-Coos Bay	10.50	100	3.06	100
Mt. Hood Loop	20.28	100	20.28	100
Lakeview-Klamath Falls	7.50	100	.....	.....
McKenzie River Highway	34.60	100	15.40	100
Do	.....	.....	19.20	5
Eugene-Florence	24.00	100	.....	.....
Oregon Caves	11.68	100	8.78	100
			2.90	70
McKenzie River Highway:				
Section 1 (surfacing)	.....	.....	(14.40)	1
Section 2 (surfacing)	.....	.....	(14.50)	67
Prairie City-Clear Creek	10.95	100	.....	.....
Prairie City-Unity	30.85	15	.....	.....
Do	6.15	100	[6] 17.10	1
Alsea River	.07	4	.....	.....
Do	26.85	100	9.48	100
Do	.....	.....	6.47	1
Alsea River, section 7–A (surfacing)	.....	.....	(4.09)	25
Anna Creek, section 2	6.70	79	.....	.....
Applegate	16.00	91	.....	.....
Crescent-Klamath Falls	24.00	16	.....	.....
Eugene-Florence, Deadwood-Blanchly	16.50	45	.....	.....
Mt. Hood Loop-Wapinitia	33.50	44	.....	.....
Mt. Hood Loop-Wapinitia, Zig Zag section (surfacing)	.....	.....	(12.40)	.....
Mt. Hood Loop-Hood River (surfacing)	.....	.....	(10.00)	.....
North Umpqua	8.90	85	.....	.....
Tiller Trail	11.44	81	.....	.....
Do	.94	100	.94	100
Summit Trail	12.30	96	.....	.....
Salt Creek	2.78	100	.....	.....
Willamette	100.00	3	.....	.....
Brush Creek-Mussel Creek	6.10	100	6.10	8
Medford-Klamath Falls, Jackson County	21.71	100	21.71	100
Tiller Trail	3.00	100	3.00	100
Bear Gulch	7.47	100	.....	.....
Neskowin-Devils Lake	17.00	100	17.00	1
Trail Prospect	13.58	85	13.58	18
Cascadia-Sheas Hill section	3.71	100	.....	.....
McKenzie Highway	16.50	100	16.50	100
Mount Hood Loop, middle section	17.30	100	17.30	4
Medford-Klamath Falls, Jackson County (surfacing)	.....	.....	(6.50)	100

WASHINGTON.

Cooks-Collins	4.70	100	4.70	100
Metaline	11.50	100	11.50	100
Republic-Wauconda	7.10	100	3.40	100
Quinault Lake, south	2.50	100	2.50	100
McClellan Pass, west	10.10	100	10.10	100
Quinault Lake, Northwest Bridge	.07	100	.07	100
Lake Crescent	19.00	100	11.00	100
Blewett Pass	19.73	100	6.92	100
Do	.....	.....	10.35	1
Carbon River	3.30	100	3.30	92
Quinault Lake, north	4.51	100	.....	.....
Inland Empire	16.45	100	.....	.....
Mount Baker, Glacier Austin Pass	15.95	99	.....	.....
Do	8.05	100	8.05	100
Mount Misery-Grouse Creek	7.90	76	7.90	20
Republic, south	4.80	98	.....	.....
Inland Empire-Lauria, south	5.70	100	5.70	100
Quinault Lake, northwest	5.43	100	5.43	100
Blewett Pass	8.48	100	8.48	100
Little White Salmon	.80	100	.80	100
Forks-Bogachiel	5.50	100	5.50	4
Inland Empire	10.00	100	.....	.....

[6] Includes 10.95 miles surveyed by State.

SCHEDULE C.

THE ALLOCATION OF APPROPRIATIONS.

Federal aid apportionments.

State.	Act of 1916.	Act of 1919.	Act of 1921.	Total.
Alabama	$1,572,229.69	$4,204,322.89	$1,553,420.67	$7,329,973.25
Arizona	1,028,509.61	2,742,842.08	1,053,281.44	4,824,633.13
Arkansas	1,255,472.10	3,364,457.37	1,254,142.20	5,874,071.67
California	2,282,727.19	6,101,627.38	2,462,098.53	10,846,453.10
Colorado	1,294,317.49	3,485,746.65	1,341,175.69	6,121,239.83
Connecticut	461,650.99	1,227,673.71	480,897.78	2,170,222.48
Delaware	122,187.58	325,467.25	365,625.00	813,279.83
Florida	855,033.55	2,295,078.93	886,825.69	4,036,938.17
Georgia	2,019,603.53	5,387,975.09	1,997,957.58	9,405,536.20
Idaho	914,578.24	2,445,810.62	938,536.68	4,298,925.54
Illinois	3,286,589.41	8,737,677.56	3,246,281.07	15,270,548.04
Indiana	2,025,204.12	5,390,088.49	1,958,855.41	9,374,148.02
Iowa	2,170,731.07	5,768,612.07	2,102,872.74	10,042,215.88
Kansas	2,151,090.81	5,744,218.26	2,102,281.51	9,997,590.58
Kentucky	1,464,085.28	3,905,979.51	1,417,178.68	6,787,243.47
Louisiana	1,019,028.66	2,723,495.91	996,989.64	4,739,514.21
Maine	722,712.08	1,923,251.49	695,160.25	3,341,123.82
Maryland	653,657.55	1,737,091.52	640,629.01	3,031,378.08
Massachusetts	1,015,765.23	2,946,799.86	1,096,176.04	5,148,741.13
Michigan	2,174,510.04	5,786,785.51	2,249,532.43	10,210,827.98
Minnesota	2,131,879.72	5,683,503.30	2,123,597.07	9,938,980.09
Mississippi	1,347,153.72	3,604,388.57	1,294,906.22	6,246,448.51
Missouri	2,542,865.75	6,779,209.96	2,448,128.62	11,770,204.33
Montana	1,494,916.85	4,003,910.46	1,546,885.82	7,045,713.13
Nebraska	1,599,850.01	4,266,911.65	1,581,189.50	7,447,951.16
Nevada	962,684.21	2,564,591.97	953,436.78	4,480,712.96
New Hampshire	312,433.85	830,655.14	365,625.00	1,508,713.99
New Jersey	889,504.69	2,375,794.33	942,870.95	4,208,169.97
New Mexico	1,193,979.25	3,195,815.36	1,189,823.34	5,579,617.95
New York	3,739,990.85	9,948,810.82	3,696,447.97	17,385,249.64
North Carolina	1,711,456.67	4,559,234.01	1,709,333.90	7,980,024.58
North Dakota	1,149,416.15	3,073,071.55	1,164,714.42	5,387,202.12
Ohio	2,787,106.37	7,415,841.34	2,823,004.05	13,025,951.76
Oklahoma	1,728,748.12	4,609,497.48	1,752,339.44	8,090,585.04
Oregon	1,181,416.50	3,150,761.76	1,182,663.90	5,514,842.16
Pennsylvania	3,448,495.14	9,184,149.15	3,398,953.97	16,031,598.26
Rhode Island	174,896.11	466,270.02	365,625.00	1,006,791.13
South Carolina	1,076,369.58	2,870,256.92	1,061,237.34	5,007,854.84
South Dakota	1,214,246.80	3,238,636.24	1,204,060.31	5,656,943.35
Tennessee	1,701,443.83	4,526,694.15	1,647,692.24	7,875,830.22
Texas	4,388,657.50	11,711,747.27	4,425,172.41	20,525,577.18
Utah	851,044.37	2,266,162.01	849,417.21	3,966,623.59
Vermont	339,576.68	902,527.05	365,625.00	1,607,728.73
Virginia	1,488,342.54	3,963,387.74	1,456,828.47	6,908,558.75
Washington	1,082,286.88	2,889,388.95	1,103,709.77	5,075,385.60
West Virginia	797,367.10	2,125,137.35	802,359.77	3,724,864.22
Wisconsin	1,913,205.36	5,091,075.31	1,894,815.86	8,899,096.53
Wyoming	920,990.18	2,457,567.99	934,617.63	4,313,175.80
Total	72,750,000.00	194,000,000.00	73,125,000.00	339,875,000.00

SCHEDULE D.

ITEMIZED STATEMENT OF EXPENDITURES, RECEIPTS, TRAVELING AND OTHER EXPENSES DURING THE FISCAL YEAR 1922.

PART 1.

BUREAU OF PUBLIC ROADS, ANNUAL REPORT OF APPROPRIATIONS UNDER THE FEDERAL AID ROAD ACT FOR THE FISCAL YEAR ENDED JUNE 30, 1922.

(Section 3.)

Cooperative construction of rural post roads (administrative expenses).

Appropriation act of—			
July 11, 1916			$75,000,000.00
Feb. 28, 1919			200,000,000.00
Nov. 9, 1921			75,000,000.00
Total appropriations to date			350,000,000.00
Division of appropriations:			
For administering the provisions of the above acts, being—			
3 per cent of the amount provided by act of July 11, 1916		$2,250,000.00	
3 per cent of the amount provided by act of Feb. 28, 1919		6,000,000.00	
2½ per cent of the amount provided by act of Nov. 9, 1921		1,875,000.00	
Total available for administrative expenses		10,125,000.00	
For apportionment to States for construction		339,875,000.00	
			350,000,000.00
Condition of administrative fund:			
Available for administration			10,125,000.00
Less—			
Expenditures 1917 to 1921, inclusive		2,765,343.72	
Retirement certification, 1921		16,407.10	
			2,781,750.82
			7,343,249.18
Amount transferred to "Road materials" (Agricultural appropriation act)			148,200.00
			7,195,049.18
Refunds to appropriation 1917 to 1921, inclusive			149,201.98
Available for fiscal year 1922			7,344,251.16
Less expenditures for fiscal year 1922, as follows—			
Salaries—			
In Washington	$309,008.92		
Retirement certification	16,858.84		
	$325,867.76		
Out of Washington	620,974.97		
Retirement certification	5,531.48		
	626,506.45		
		[1] $952,374.21	
Travel, station, and field expenses—			
Labor and temporary assistants	[2] 490,813.60		
Cash fares and livery	32,356.11		
Transportation requests	113,150.46		
Subsistence	107,779.33		
		[1] 744,099.50	
Equipment—			
Laboratory apparatus and instruments	63.99		
Furniture and office fixtures	5,752.92		
Miscellaneous	5,845.48		
		11,662.39	
Stationery		[1] 22,574.24	
Rent (field)		[1] 29,539.64	
Telegraph		[1] 11,519.40	
Telephone		[1] 5,956.45	
Postage		111.78	
Freight		12,796.71	
Express		[1] 7,475.37	
Drayage		1,019.26	
Heat, light, power, and electricity		1,784.53	
Miscellaneous supplies and services		[1] 123,085.42	
Printing		4,203.10	
Total expenditures for fiscal year 1922			1,928,202.00
			5,416,049.16
Refunds to the appropriation received during the fiscal year 1922			[3] 335,731.27
Total available at June 30, 1922			5,751,780.43
Expenditures, increase of compensation 1922 (not included in above)			52,216.66

[1] Includes payments made under these items on account of surplus war equipment distribution, which are reimbursable.

[2] Of this amount $433,030.12 was expended for the labor used in collecting and shipping surplus war equipment.

[3] See Schedule D, part 1A.

Condition of construction fund:			
Available for construction			$339,875,000.00
Less—			
Expenditures, fiscal years 1917 to 1921, inclusive, to States		$78,673,795.25	
Payments to soldiers for work on roads, in accordance with provisions of act of Feb. 28, 1919 (40 Stat. 1200–1212), as follows—			
North Carolina	$64.40		
Virginia	21,570.73		
		21,635.13	
			78,695,430.38
			261,179,569.62
Expenditures, fiscal year 1922, to States		88,193,292.65	
Payments to soldiers, as follows—			
Kentucky	$35.00		
Maryland	300.97		
Mississippi	96.07		
New Jersey	71.47		
North Carolina	852.40		
Ohio	1,175.40		
Texas	6,726.35		
Virginia	13,571.49		
		22,829.15	
			88,216,121.80
			172,963,447.82
Refunds as follows—			
Nebraska	1,218.18		
New York	1,523.44		
Colorado	12.50		
West Virginia	7,434.77		
			10,188.89
Unexpended balance on June 30, 1922			172,973,636.71

Statement of apportionments, expenditures, and balances to June 30, 1922.

State.	Apportionment.	Expenditures to June 30, 1921.	Balance.	Payments fiscal year 1922.	Refunds.	Balance June 30, 1922
Alabama	$7,329,973.25	$1,352,056.13	$5,977,917.12	$671,347.32	.....	$5,306,569.80
Arizona	4,824,633.13	1,141,042.83	3,683,590.30	1,565,577.82	.....	2,118,012.48
Arkansas	5,874,071.67	1,056,022.66	4,818,049.01	2,235,459.78	.....	2,582,589.23
California	10,846,453.10	1,883,384.62	8,963,068.48	1,972,801.61	.....	6,990,266.87
Colorado	6,121,239.83	1,335,354.41	4,785,885.42	1,344,893.66	$12.50	3,441,004.26
Connecticut	2,170,222.48	168,646.71	2,001,575.77	641,174.79	.....	1,360,400.98
Delaware	813,279.83	331,366.11	481,913.72	130,182.10	.....	351,731.62
Florida	4,036,938.17	447,024.56	3,589,913.61	363,210.06	.....	3,226,703.55
Georgia	9,405,536.20	4,054,811.35	5,350,724.85	2,623,995.78	.....	2,726,729.07
Idaho	4,298,925.54	1,584,306.41	2,714,619.13	1,561,530.97	.....	1,153,088.16
Illinois	15,270,548.04	6,893,717.81	8,376,830.23	4,199,324.91	.....	4,177,505.32
Indiana	9,374,148.02	978,058.12	8,396,089.90	1,467,819.78	.....	6,928,270.12
Iowa	10,042,215.88	1,677,132.80	8,365,083.08	3,927,803.36	.....	4,437,279.72
Kansas	9,997,590.58	1,670,774.57	8,326,816.01	2,926,702.53	.....	5,400,113.48
Kentucky	6,787,243.47	1,199,093.49	5,588,149.98	1,639,803.71	.....	3,948,346.27
Louisiana	4,739,514.21	1,962,856.11	2,776,658.10	1,120,327.57	.....	1,656,330.53
Maine	3,341,123.82	501,789.39	2,839,334.43	1,359,433.25	.....	1,479,901.18
Maryland	3,031,378.08	1,477,778.93	1,553,599.15	800,407.94	.....	753,191.21
Massachusetts	5,148,741.13	953,094.60	4,195,646.53	1,113,715.28	.....	3,081,931.25
Michigan	10,210,827.98	1,463,509.50	8,747,318.48	3,013,676.57	.....	5,733,641.91
Minnesota	9,938,980.09	4,394,092.22	5,544,887.87	2,768,835.11	.....	2,776,052.76
Mississippi	6,246,448.51	992,554.45	5,253,894.06	1,791,941.60	.....	3,461,952.46
Missouri	11,770,204.33	773,904.92	10,996,299.41	2,453,844.29	.....	8,542,455.12
Montana	7,045,713.13	1,807,025.57	5,238,687.56	1,607,045.23	.....	3,631,642.33
Nebraska	7,447,951.16	2,112,268.26	5,335,682.90	1,252,547.23	1,218.18	4,084,353.85
Nevada	4,480,712.96	796,166.55	3,684,546.41	462,136.08	.....	3,222,410.33
New Hampshire	1,508,713.99	781,694.97	727,019.02	234,331.04	.....	492,687.98
New Jersey	4,208,169.97	856,625.85	3,351,544.12	608,151.10	.....	2,743,393.02
New Mexico	5,579,617.95	1,092,295.80	4,487,322.15	1,121,910.52	.....	3,365,411.63
New York	17,385,249.64	298,308.36	17,086,941.28	3,105,031.94	1,523.44	13,983,432.78
North Carolina	7,980,024.58	3,043,818.39	4,936,206.19	2,264,342.61	.....	2,671,863.58
North Dakota	5,387,202.12	849,916.45	4,537,285.67	1,830,059.52	.....	2,707,226.15
Ohio	13,025,951.76	2,815,248.29	10,210,703.47	4,219,321.18	.....	5,991,382.29
Oklahoma	8,090,585.04	730,735.32	7,359,849.72	2,819,835.89	.....	4,540,013.83
Oregon	5,514,842.16	2,471,102.52	3,043,739.64	1,778,931.21	.....	1,264,808.43
Pennsylvania	16,031,598.26	5,951,687.58	10,079,910.68	5,292,767.77	.....	4,787,142.91
Rhode Island	1,006,791.13	265,050.08	741,741.05	310,803.24	.....	430,937.81
South Carolina	5,007,854.84	1,247,199.56	3,760,655.28	1,431,877.23	.....	2,328,778.05
South Dakota	5,656,943.35	903,454.31	4,753,489.04	1,670,115.85	.....	3,083,373.19
Tennessee	7,875,830.22	455,760.77	7,420,069.45	2,301,446.53	.....	5,118,622.92
Texas	20,525,577.18	3,722,513.68	16,803,063.50	5,915,045.87	.....	10,888,017.63
Utah	3,966,623.59	484,293.54	3,482,330.05	651,613.57	.....	2,830,716.48
Vermont	1,607,728.73	184,169.06	1,423,559.67	380,700.27	.....	1,042,859.40
Virginia	6,908,558.75	1,350,123.77	5,558,434.98	1,973,542.44	.....	3,584,892.54
Washington	5,075,385.60	3,392,945.57	1,682,440.03	536,343.40	.....	1,146,096.63
West Virginia	3,724,864.22	1,414,408.91	2,310,455.31	1,016,870.12	7,434.77	1,301,019.96
Wisconsin	8,899,096.53	1,845,327.00	7,053,769.53	3,119,215.21	.....	3,934,554.32
Wyoming	4,313,175.80	1,530,917.52	2,782,258.28	618,326.96	.....	2,163,931.32
Total	339,875,000.00	78,695,430.38	261,179,569.62	88,216,121.80	10,188.89	172,973,631.71

PART 1-A.

Detailed statement of receipts.

Remitter.	Amount.	Purpose.
Alabama	$10,261.91	Handling charges on surplus war material.
Arizona	1,808.09	Do.
Arkansas	735.86	Do.
California	8,868.95	Do.
Colorado	10,444.49	Do.
Connecticut	1,181.07	Do.
Delaware	1,577.46	Do.
Florida	4,902.00	Do.
Georgia	2,630.00	Do.
Idaho	2,753.49	Do.
Illinois	6,175.87	Do.
Indiana	4,597.55	Do.
Iowa	4,187.13	Do.
Kansas	4,282.01	Do.
Kentucky	7,241.43	Do.
Louisiana	2,496.85	Do.
Maine	850.11	Do.
Maryland	7,039.91	Do.
Massachusetts	2,497.45	Do.
Michigan	9,821.13	Do.
Minnesota	15,913.16	Do.
Mississippi	5,898.39	Do.
Missouri	13,642.43	Do.
Montana	3,870.84	Do.
Nebraska	7,789.26	Do.
Nevada	3,941.39	Do.
New Hampshire	1,094.92	Do.
New Jersey	2,826.05	Do.
New Mexico	1,857.29	Do.
New York	19,246.52	Do.
North Carolina	31,964.18	Do.
North Dakota	920.61	Do.
Ohio	12,685.63	Do.
Oklahoma	2,925.78	Do.
Oregon	2,003.40	Do.
Pennsylvania	11,570.92	Do.
Rhode Island	1,015.94	Do.
South Carolina	6,313.59	Do.
South Dakota	2,226.97	Do.
Tennessee	9,971.27	Do.
Texas	10,009.08	Do.
Utah	1,412.39	Do.
Vermont	8,884.79	Do.
Virginia	5,143.86	Do.
Washington	1,137.13	Do.
West Virginia	10,464.67	Do.
Wisconsin	10,421.94	Do.
Wyoming	764.79	Do.
Forest Service	21.40	Do.
Navy Department	1,097.25	Do.
Bureau of Animal Industry	16.00	Do.
Public Health Service	5,491.25	Do.
Post Office Department	26,025.43	Do.
National Park Service	835.38	Do.
Pennsylvania R. R. Co	11.70	Unused tickets.
J. B. McCord	1,230.00	Unexpended balance of advances
E. B. Sinclair	.10	Auditor's exceptions.
D. K. Shepherd	1.00	Do.
J. A. Sourwine	.75	Do.
H. L. Bowlby	.31	Do.
Frank R. Kossa	.15	Do.
M. W. Masters	2.35	Suspension by auditor.
C. H. Sutton	1.10	Do.
Missouri Pacific	1.44	Refund on scrip.
A. McKinnon	17.60	Refund in salary paid.
R. E. Talbot	34.13	Do.
A. E. Loder	1.25	Suspension by auditor.
Weather Bureau	50.00	Auto top furnished.
J. C. Wonders	4.00	Suspension by auditor.
Pennsylvania R. R	4.43	Refund on ticket.
Atchison, Topeka & Santa Fe Ry	4.97	Refund on scrip.
Do	10.35	Do.
C. D. Snead	5.86	Repayment for ticket lost
E. B. McCormick	1.00	Suspension by auditor.
Richmond, Fredericksburg & Potomac R. R	22.18	Refund on scrip.
C. S. Haynes	10.84	Refund on salary.

Detailed statement of receipts—Continued.

Remitter.	Amount.	Purpose.
American Railway Express	$0.71	Refund on overcharge.
Do	1.60	Suspension by auditor.
Do	2.90	Do.
Do	.46	Do.
Florida & East Coast R. R	4.21	Refund on ticket.
E. C. Slocumb	27.36	Refund account personal travel.
W. Martin (pay roll)	16.00	Refund salary payment.
Do	31.50	Do.
L. E. Boykin	.10	Suspension by auditor.
A. E. Loder	.15	Do.
D. R. Thornton	.10	Do.
Pullman Co	5.26	Refund on ticket.
E. G. Edwards	5.00	Overpull of scrip used.
R. Carter Ballentyne	6.30	Refund for goods returned.
Atchison, Topeka & Santa Fe Ry	5.97	Refund on scrip.
Miss M. Maibaugh	81.25	Salary refund on resignation.
Pennsylvania R. R	19.12	Refund on ticket.
C. T. Nordstrom	1.00	Excess scrip used.
Pennsylvania R. R	1.87	Refund on scrip.
Southern R. R	.88	Refund on ticket.
Baltimore & Ohio R. R	55.50	Do.
Chicago, Rock Island & Pacific R. R	.30	Refund on scrip.
R. L. Devereaux	5.86	Personal travel on scrip.
Western Union	.93	Suspension by auditor.
E. C. Thomason	59.17	Refund salary payment.
Union Envelope Co	9.40	Goods returned.
Southern R. R	.88	Refund on ticket.
American Railway Express	1.20	Refund of overcharge.
Los Angeles & Salt Lake R. R	4.41	Do.
Great Northern R. R	2.27	Unused ticket.
T. C. Peterson	.50	Suspension by auditor.
W. P. Linton	1.00	Do.
D. E. Henry	.19	Do.
E. B. Sinclair	.30	Do.
R. A. Rothmeyer	.15	Do.
O. B. Kercher	.31	Do.
Postal Telegraph	.54	Do.
Do	.28	Do.
Union Envelope Co	9.40	Refund on goods returned.
L. I. Hewes	.38	Suspension by auditor.
E. C. Brown	.47	Do.
Western Union	1.69	Do.
Do	.27	Do.
Do	.43	Do.
American Railway Express	2.24	Duplicate charges.
Chicago, Rock Island & Pacific R. R	.58	Refund on scrip.
Pennsylvania R. R	17.93	Refund on ticket.
Pullman Co	6.75	Unused ticket.
Thos. A. Edison (Inc.)	4.25	Goods returned.
Western Union	1.85	Suspension by auditor.
Do	.95	Do.
Pullman Co	2.25	Refund on ticket.
Baltimore & Ohio R. R	8.11	Unused ticket.
American Railway Express	7.93	Suspension by auditor.
Pullman Co	7.12	Unused ticket.
Western Union	.25	Suspension by auditor.
Do	.25	Do.
Standard Oil Co	1.26	Refund on gasoline.
Seaboard Air Line R. R	1.18	Refund on ticket.
Texas & Pacific	.87	Refund on scrip.
E. E. Hitch	7.20	Transportation shared with wife.
C. T. Nitteberg	1.01	Excess scrip pulled.
Central of Georgia	1.54	Unused ticket.
Western Union	1.65	Suspension by auditor.
Do	.33	Do.
Seaboard Air Line R. R	1.94	Refund on ticket.
B. E. Gray	1.65	Suspension by auditor.
Postal Telegraph	.25	Refund on telegram.
V. E. Towles	.20	Suspension by auditor.
Mackay Telegraph Cable Co	1.91	Refund on telegrams.
Postal Telegraph	.84	Do.
M. W. Wilbur	.50	Suspension by auditor.
Chicago, St. Paul, Minneapolis & Omaha	1.42	Refund on scrip
Western Union	.25	Suspension by auditor.
W. H. Rhodes	.10	Do.
A. A. Levison	.25	Do.
Postal Telegraph	2.07	Refund on telegram.
Deme Passe	4.88	Refund in salary.
Geological Survey	98.81	Maps furnished.
R. L. Devereaux	.95	Suspension by auditor.
	335,731.27	

PART 2.

(Section 8.)

Cooperative construction, etc., of roads and trails, National Forests.

Appropriation act of July 11, 1916 ($1,000,000 available each year, beginning with fiscal year 1917 and ending with fiscal year 1926.)			$10,000,000.00
Less amounts not yet available for fiscal years 1923, 1924, 1925, 1926			4,000,000.00
Appropriation available fiscal years 1917–1922, inclusive			6,000,000.00
Division of appropriation:			
For administering the provisions of the act—			
10 per cent of appropriations, fiscal years 1917–1922, inclusive		$600,000.00	
Less—			
Amounts transferred to construction—			
Crestview-Camp Walton project, Florida	$3,500		
Ozark project, Arkansas	26,559		
		$30,059.00	
Transferred to equipment fund		17,524.20	
Transferred to contingent fund		43,717.28	
			91,300.48
Balance available for administrative expenses		508,699.52	
Equipment fund		17,524.20	
Contingent fund		43,717.28	
Available for administration, equipment, and contingent		569,941.00	
Available for construction		5,430,059.00	
			6,000,000.00
Condition of administrative fund:			
Available for administrative expenses			508,699.52
Less—	Forest Service.	Public Roads.	
Expenditures, 1917–1921, incluisve	$55,721.98	$323,897.61	
Retirement certification, 1921	167.63	1,721.51	
	55,889.61	325,619.12	
Total			381,508.73
			127,190.79
Refunds to appropriation 1917 to 1921, inclusive			104.99
			127,295.78
Allotments	35,878.03	91,417.75	
Less expenditures fiscal year 1922, as follows—			
Salaries—			
In Washington	4,047.00		
Out of Washington	5,825.31	53,801.25	
	9,872.31	53,801.25	
Retirement certification, 1922	230.32	1,461.59	
	10,102.63	55,262.84	
Travel, station, and field expense—			
Labor and temporary assistants	2,548.58	4,128.22	
Cash fares and livery		497.14	
Transportation requests		3,447.77	
Subsistence		1,447.33	
	2,548.58	9,520.46	
Equipment—			
Furniture and office fixtures		113.60	
Miscellaneous	1,403.60	13.25	
	1,403.60	126.85	
Stationery		226.44	
Rent (field)	445.45	3,199.89	
Telegraph		1,020.53	
Telephone		2.15	
Freight	224.30	51.25	
Express		282.78	
Drayage		5.00	
Heat, light, power, and electricity		91.99	
Miscellaneous supplies and services	25.50	1,402.80	
Specified items not otherwise classified—			
Blue prints	$0.66		
Advertising	96.68		
Printing	783.88		
			881.22
	14,750.06	72,074.20	
			86,824.26
			40,471.52
Refunds to appropriation, fiscal year 1922		5.27	[1] 5.27
Balance available on June 30, 1922	21,127.97	19,348.82	40,476.79
Condition of contingent fund			43,717.28

[1] See schedule D, Part 2a.

Condition of equipment fund, Bureau of Public Roads:			
Transferred from administrative fund			$17,524.20
Transferred from construction fund			12,532.70
Total available for equipment			30,056.90
Less expenditures fiscal years 1917–1921, inclusive			14,376.22
Balance on June 30, 1921			15,680.43
Less expenditures for fiscal year 1922 as follows—			
Salaries—			
Out of Washington		$1,172.89	
Retirement certification 1922		27.40	
		1,200.29	
Travel, station, and field expense—			
Labor		1,738.98	
Rent (field)		50.00	
Telegraph		19.05	
Freight		1.50	
Miscellaneous supplies		444.91	
Total expenditures fiscal year 1922			3,454.73
Balance on hand June 30, 1922			12,225.70
Condition of construction fund, Bureau of Public Roads:			
Available for construction			5,430,059.00
Less—			
Expenditures fiscal years 1917–1921, inclusive		$3,300,021.78	
Retirement certification, 1921		1,353.38	
			3,301,375.16
			2,128,683.84
Refunds to appropriation fiscal years, 1917–1921, inclusive			1.94
			2,128,685.78
Transferred to equipment fund			12,532.70
Balance on June 30, 1921			2,116,153.08
Less expenditures fiscal year 1922, as follows—			
Salaries—			
Out of Washington		53,623.70	
Retirement certification 1922		1,504.25	
		55,127.95	
Travel, station, and field expense—			
Labor and temporary assistants	[2] $402,131.44		
Cash fares and livery	1,338.95		
Transportation requests	2,863.34		
Subsistence	[3] 29,536.88		
		435,870.61	
Equipment—			
Apparatus and instruments	951.10		
Furniture and office fixtures	14.97		
Miscellaneous	715.26		
		1,681.33	
Stationery		596.72	
Rent (field)		253.74	
Telegraph		110.31	
Telephone		1.55	
Postage		.75	
Freight		15,427.20	
Express		5,283.54	
Drayage		377.80	
Supplies and services		[4] 423,890.18	
Specified items not otherwise classified—			
Right of way purchased	$2,500.00		
Moving barn from right of way	80.00		
Advertising	6.60		
Forage purchased	162.68		
Corrugated metals purchased	5,572.58		
Miscellaneous	31.57		
		8,353.43	
Total expenditures fiscal year 1922			[5] 946,975.11
Unexpended balance at June 30, 1922			1,169,177.97
Refunds to appropriation fiscal year 1922			.25
Total available on June 30, 1922			1,169,178.22

[2] Includes amounts paid for labor on roads constructed by the bureau.
[3] Includes amounts paid for camp subsistence of laborers on roads constructed by the bureau.
[4] Nearly all paid contractors for roads built by contract.
[5] This amount was expended in improving projects shown in schedule "B," part 3.

Statement of apportionments, expenditures, and balances to June 30, 1922.

[Construction fund only.]

State.	Apportionment.	Expenditures to June 30, 1921.	Balance, June 30, 1921.	Expenditures, fiscal year 1922.	Refunds.	Balance, June 30, 1922.
Alaska	$275,973.00	$214,011.19	$61,961.81	$42,500.74		$19,461.07
Arizona	337,296.00	87,751.55	249,544.45	41,107.59		208,436.86
Arkansas	87,031.00	67,522.69	19,508.31	3.48	$0.22	19,505.05
California	838,102.00	676,370.41	161,731.59	121,144.60		[1] 40,533.57
Colorado	381,730.00	267,621.75	114,108.25	26,570.28		87,537.97
Idaho	642,460.00	365,009.74	277,450.26	81,302.91		[1] 195,934.04
Montana	424,771.00	204,166.50	220,604.50	87,186.39		133,418.11
Nevada	114,503.00	47,956.31	66,546.69	83.30		66,463.39
New Mexico	238,513.00	148,456.47	90,056.53	37,728.11		52,328.42
Oregon	779,399.00	489,079.59	290,319.41	192,629.41		[1] 95,463.12
South Dakota	48,162.00	30,257.67	17,904.33	8,776.22		9,128.11
Utah	241,126.00	151,546.97	89,579.03	65,594.26		[1] 23,891.33
Washington	549,290.00	371,428.98	177,861.02	125,704.64	1.63	[1] 42,212.36
Wyoming	249,229.00	103,951.61	145,277.39	82,809.42		62,467.97
Florida, Michigan, Minnesota, Nebraska, Oklahoma, Porto Rico	68,197.00	42,107.72	26,089.28		.34	26,089.62
Alabama, Georgia, Maine, New Hampshire, North Carolina, South Carolina, Tennessee, Virginia, West Virginia	154,277.00	34,136.01	120,140.99	33,833.76		86,307.23
Total	5,430,059.00	3,301,375.16	2,128,683.84	946,975.11	2.19	1,169,178.22

[1] From the balance on June 30, 1922, the following deductions were made for equipment rentals:

California	$53.42
Idaho	213.31
Oregon	2,226.88
Utah	93.44
Washington	9,945.65
	12,532.70

Part 2a.

Itemized statement of receipts in connection with the appropriation "Cooperative construction, etc., of roads and trails, national forests," for the fiscal year 1922.

Name of remitter.	Amount.	Purpose.
A. R. Losh	$5.17	Suspension by auditor.
J. W. Ogier	.10	Do.
H. J. Morrison	.25	Do.

Part 3.

Forest highways.

Appropriation, act of Nov. 9, 1921 (for fiscal year 1922)		$5,000,000.00
Less 50 per cent for roads and trails of primary importance for protection, administration, and utilization of national forests		2,500,000.00
Balance		2,500,000.00
Division of appropriation:		
For administering the provisions of the act—		
10 per cent of the appropriation	$250,000.00	
For construction	2,250,000.00	
		2,500,000.00

Condition of administrative and equipment funds:			
Available for administrative and equipment expenses			$250,000.00
Less administrative expenditures, fiscal year 1922, as follows:			
	Forest Service.	Public roads	
Salaries—			
Out of Washington	$8,745.82	$2,525.60	
Retirement certification, 1922	229.96	93.87	
Total	8,975.78	2,619.47	
Travel, station, and field expense—			
Labor and temporary assistants		1,032.63	
Cash fares and livery		201.44	
Transportation requests		50.45	
Subsistence	47.70	297.68	
Total	47.70	1,582.20	
Stationery		70.30	
Rent (field)	567.00	.....	
Telegraph		84.50	
Express		30.02	
Heat, light, power, and electricity		1.00	
Supplies and services	24.97	167.90	
Specified items not otherwise classified: Blue prints		1.76	
Total administrative expenditures for 1922	9,615.45	4,557.15	
Total Forest Service and public roads			14,172.60
			235,827.40
Less equipment expenditures, fiscal year 1922, as follows:			
Salaries—			
Out of Washington		203.44	
Retirement certification, 1922		3.06	
Total		206.50	
Travel, station, and field expenses: Labor and temporary assistants		273.52	
Equipment		2,614.60	
Rent (field)		135.00	
Express		14.36	
Heat, light, power, and electricity		50.22	
Supplies and services		23,104.43	
Specified items not otherwise classified: Cartridging picric acid		45,000.00	
Total equipment expenditures for 1922			71,398.63
Balance			164,428.77
Condition of construction fund:			
Available for construction			2,250,000.00
Less expenditures for fiscal year 1922, as follows:			
	Forest Service.	Public roads.	
Salaries—			
Out of Washington	$1,477.72	$19,383.77	
Retirement certification, 1922		497.94	
Total	1,477.72	19,881.71	
Travel, station, and field expenses—			
Labor and temporary assistants		21,528.11	
Cash fares and livery		804.31	
Transportation requests		723.25	
Subsistence	18.25	7,477.46	
Total	18.25	30,533.13	
Equipment		76.25	
Stationery		495.88	
Rent (field)		7 70	
Telegraph		17.49	
Express		520.20	
Heat, light, power, and electricity		2.05	
Supplies and services	4,047.59	20,910.25	
Items not otherwise classified		101.40	
Forage purchased in bulk	178.25	.....	
Total construction expenditures for 1922	5,721.81	72,546.06	
Total Forest Service and public roads			78,267.87
			2,171,732.13

Statement of apportionments, expenditures, and balance to June 30, 1922.

State.	Apportionment.	Deduction for administrative and equipment.	Balance of apportionment for construction.	Construction expenditures to June 30, 1922.	Construction balance June 30, 1922.
Alaska	$258,273.00	$25,827.00	$232,446.00	$5,109.52	$227,336.48
Arizona	154,140.00	15,414.00	138,726.00	532.89	138,193.11
Arkansas	18,636.00	1,864.00	16,772.00	.....	16,772.00
California	395,763.00	39,576.00	356,187.00	9,153.09	347,033.91
Colorado	180,539.00	18,054.00	162,485.00	3,227.84	159,257.16
Idaho	278,944.00	27,895.00	251,049.00	4,736.58	246,312.42
Montana	234,094.00	23,409.00	210,685.00	8,781.83	201,903.17
Nevada	55,352.00	5,535.00	49,817.00	.....	49,817.00
New Mexico	119,639.00	11,964.00	107,675.00	3,415.42	104,259.58
Oregon	310,749.00	31,075.00	279,674.00	26,209.66	253,464.34
South Dakota	20,511.00	2,051.00	18,460.00	764.52	17,695.48
Utah	98,529.00	9,853.00	88,676.00	2,051.53	86,624.47
Washington	189,870.00	18,987.00	170,883.00	5,164.53	165,718.47
Wyoming	119,799.00	11,980.00	107,819.00	9,120.46	98,698.54
Florida	6,648.00	665.00	5,983.00	.....	5,983.00
Michigan	943.00	94.00	849.00	.....	849.00
Minnesota	15,777.00	1,578.00	14,199.00	.....	14,199.00
Nebraska	2,924.00	292.00	2,632.00	.....	2,632.00
Oklahoma	1,495.00	150.00	1,345.00	.....	1,345.00
Porto Rico	385.00	38.00	347.00	.....	347.00
Alabama	1,290.00	129.00	1,161.00	.....	1,161.00
Georgia	3,541.00	354.00	3,187.00	.....	3,187.00
Maine	731.00	73.00	658.00	.....	658.00
New Hampshire	9,343.00	934.00	8,409.00	.....	8,409.00
North Carolina	7,370.00	737.00	6,633.00	.....	6,633.00
South Carolina	416.00	42.00	374.00	.....	374.00
Tennessee	5,760.00	576.00	5,184.00	.....	5,184.00
Virginia	6,941.00	694.00	6,247.00	.....	6,247.00
West Virginia	1,598.00	160.00	1,438.00	.....	1,438.00
Total	2,500,000.00	250,000.00	2,250,000.00	78,267.87	2,171,732.13

Part 4.

Statement of expenditures for the fiscal year 1922 from the appropriation "Forest road development" provided in section 23 of the Federal highway act of November 9, 1921.

Total amount of appropriation	$5,500,000.00
Available July 1, 1922	3,000,000.00
Available for fiscal year, 1922	2,500,000.00

Allocated to States and Porto Rico as follows:

Alabama	$2,635.91	New Mexico	$99,841.82
Alaska	22,828.18	North Carolina	21,356.37
Arizona	127,600.90	Oklahoma	3,983.64
Arkansas	32,987.73	Oregon	326,615.91
California	319,919.09	Porto Rico	2,429.09
Colorado	152,890.91	South Carolina	3,956.36
Florida	3,968.18	South Dakota	29,154.09
Georgia	9,248.64	Tennessee	10,565.00
Idaho	494,843.63	Utah	74,662.73
Maine	2,160.91	Virginia	21,141.82
Michigan	2,827.27	Washington	274,040.45
Minnesota	29,827.73	West Virginia	6,637.27
Montana	261,188.64	Wyoming	121,409.55
Nebraska	5,072.27		
Nevada	25,171.36	Total	2,500,000.00
New Hampshire	11,034.55		

Classification of expenditures.

Salaries out of Washington	$157,719.96
Subsistence supplies	98,014.25
Travel (including meals, lodging, and transportation)	5,765.29
Supplies and equipment	79,607.90

Rent, heat, light, water	$72.77
Telegraph, telephone, and postage	51.15
Freight, express, and drayage	9,055.02
Forage purchased in bulk	4,286.61
Advertising	108.08
Other	3,117.73
Total expenditures	[1] 357,798.76

The above amount was expended for the following objects:

Road projects, each to cost $5,000 or more, as per list below	66,761.18
Minor road construction	58,622.84
Maintenance of minor roads	28,681.95
Trail construction	64,536.29
Maintenance of trails	30,139.39
Equipment, subsistence supplies, etc., purchased and not yet allocated to projects	91,201.83
Building for storing equipment	475.74
Location surveys	602.08
Administration	16,777.46
Total	357,798.76

Projects to cost in excess of $5,000 each.

Name.	State.	Expended.
Sand Gap-Witt Spring	Arkansas	$552.83
Elk Mountain	California	8,055.06
Leek Springs	do	66.00
Mineral-Viola	do	574.71
Round Valley	do	187.37
Capinero	do	7,235.71
Crane Valley	do	2,570.50
Hayfork-Hyampon	do	87.81
Mesa Lakes	Colorado	1,675.65
Carnero R. S	do	2,722.40
Cochetopa-Cathedral	do	11.50
Poudre Canyon-Rockwell	do	4,215.86
Taylor River	do	103.58
Dolores-Norwood	do	628.72
West Mancos	do	556.88
Squirrel Creek	do	3,682.25
North Fork of White River	do	141.60
Clear Creek-Stanley	Idaho	145.36
Stoneham	Maine	172.00
Livermore	New Hampshire	883.35
York-Pond	do	1,605.59
Swift River	do	33.34
Glorietta-Panchuella	New Mexico	5,788.87
North Umpqua	Oregon	1,238.07
Salt Creek	do	999.24
Summit Trail	do	2,217.29
South Fork-South Umpqua	do	.54
Baker River	do	.54
Century Drive	do	1,193.59
Paisley-Chewaucan	do	3,527.69
Lakeview-Silver Lake	do	415.60
Garfield-Fanton	do	606.12
Antone	do	70.42
Austin-Susanville	do	980.78
Lost Lake	do	70.17
Clackamas-Olallie	do	713.88
Little Spearfish	South Dakota	1,036.04
Merritt-Este	do	251.07
Custer-Limestone	do	1,212.45
Medicine Mountain	do	334.99
Vernal-Manila	Utah	23.70
Ferron Canyon	do	915.50
Carson-Guler	Washington	.54
Republic Kettle Falls	do	19.99
Wind River Bridge	do	523.77
Twist River	do	117.40
First Creek-Twenty-five Mile Creek	do	1,009.88
Loup Loup	do	345.55
Cispus	do	6,180.34
Cle Elum Valley	do	17.51
Kactas-Lake	do	15.20

[1] Includes $458.97 transferred to the civil service retirement and disability fund.

Projects to cost in excess of $5,000 each—Continued.

Name.	State.	Expended.
Gros Ventre	Wyoming	$583.49
Dayton-Kane	do	253.64
Little Spearfish	do	1.25
Albany-Keystone-Holmes	do	63.61
Brush Creek	do	124.39
Total		66,761.18

Employees other than temporary paid from this fund, together with travel and other expenses paid therefrom.

FOREST SERVICE EMPLOYEES.

Name.	Title.	Annual rate of salary.	Salary paid.	Expenses.
Blust, E. L.	Blue printer	$1,200.00	$66.67	$3.00
Bowlus, F. D.	Highway engineer	2,800.00	.....	38.38
Brown, R. A.	Superintendent of road construction	2,100.00	175.00	69.79
Brundage, F. H.	Forest examiner	3,000.00	1,355.00	227.78
Calkins, H. A.	Assistant engineer	2,280.00	370.50	65.46
Cool, F. J.	Draftsman	2,160.00	351.00	.....
Dalton, R. D.	do	1,200.00	85.47	.....
Dater, P. H.	District engineer	3,840.00	1,920.00	.....
Dort, J. C.	Assistant engineer	2,520.00	.....	11.94
Elder, Jason	Forest ranger	1,420.00	295.86	.....
Tilloon, R. M.	do	1,220.00	305.00	.....
Flynn, T. P.	Surveyor	1,800.00	900.00	97.27
Huestis, W. A.	National forest examiner	2,500.00	47.40	249.09
Kline, C. W.	Blue printer	1,200.00	150.43	.....
Lashus, Goldye E.	Clerk (S. and T.)	1,400.00	350.00	.....
Lord, C. A.	Surveyor-draftsman	2,160.00	1,080.00	.....
Merrick, R. E.	Highway engineer	3,000.00	2.08	.....
Morrow, J. O.	National forest examiner	[1] 180.00	563.23	.....
Raphael, J.	do	2,820.00	656.83	84.10
Rider, F. J.	Forest examiner	2,400.00	200.00	.....
Root, G. W.	Assistant district engineer	2,400.00	800.00	.....
Seip, H. A.	Fiscal agent	2,520.00	210.00	.....
Strause, F. D.	Clerk	2,100.00	1,050.00	.....
Taylor, R. K.	Blue printer	1,200.00	105.99	.....
Torgeson, O. W.	Draftsman	2,100.00	87.50	.....
Wooldridge, F. E.	Foreman, roads and trails	[1] 190.00	570.00	.....
Wynne, S. W.	Forest examiner	3,000.00	731.25	325.57

[1] Per month.

PART 5.

Statement of expenditures for the fiscal year 1922, from the appropriation "Federal forest road construction" provided by the Post Office appropriation act of February 28, 1919.

Appropriation		$9,000,000.00
Expended to June 30, 1921		6,212,967.43
Available for expenditure, fiscal year 1922		2,787,032.57
Expended for miscellaneous expenses, Forest Service fiscal year 1922:		
Salaries—		
In Washington	$2,494.45	
Out of Washington	18,037.68	
		20,532.13
Subsistence supplies		14.57
Travel (including meals, lodging, and transportation)		4,212.06
Supplies and equipment		810.46
Rent, heat, light, water		75.00
Telegraph, telephone, and postage		23.60
Freight, express, and drayage		240.54
Other		14.90
Total		25,923.26

Expended for administration, public roads:		
Salaries—		
In Washington	$2,425.18	
Out of Washington	66,031.25	
		$68,456.43
Subsistence supplies		2,027.45
Travel (including meals, lodging, and transportation)		8,094.94
Supplies and equipment		8,809.87
Rent, heat, light, water		4,218.38
Telegraph, telephone, and postage		2,195.67
Freight, express, and drayage		1,046.75
Other		1,147.64
Total		95,997.13

Expenditures.

EXPENDED FOR EQUIPMENT.

	Forest Service.	Public roads.	Total.
Salaries out of Washington	$133.81	$51,893.25	$52,027.06
Subsistence supplies		363.05	363.05
Travel (including meals, lodging, and transportation)		1,140.07	1,140.07
Supplies and equipment	3,657.54	80,106.17	83,763.71
Rent, heat, light, water	20.00	4,607.87	4,627.87
Telegraph, telephone, and postage	175.52	252.67	428.19
Freight, express, and drayage	262.87	196,074.59	196,337.46
Other		2,425.09	2,425.09
Total	4,249.74	336,862.76	341,112.50

EXPENDED FOR CONSTRUCTION AND MAINTENANCE.

Salaries out of Washington	$279,502.89	$256,247.48	$535,750.37
Subsistence supplies	51,162.09	235,200.85	286,362.94
Travel (including meals, lodging, and transportation)	5,619.93	10,823.95	16,443.88
Supplies and equipment	43,533.14	90,262.86	133,796.00
Rent, heat, light, water	830.32	472.92	1,303.24
Telegraph, telephone, and postage	143.25	68.25	211.50
Freight, express, and drayage	31,895.45	27,668.45	59,563.90
Forage purchased in bulk	3,284.28		3,284.28
Advertising	16.90	153.00	169.90
Other	988.01	305,416.50	306,404.51
Total	416,976.26	926,314.26	1,343,290.52

SUMMARY.

Miscellaneous expenses, Forest Service	$25,923.26
Administration, Public Roads	95,997.13
Equipment	341,112.50
Construction and maintenance	1,343,290.52
Total	[1] 1,806,323.41
Available for expenditure July 1, 1921	2,787,032.57
Expended July 1, 1921, to June 30, 1922, as above	1,806,323.41
Balance June 30, 1922	980,709.16

NOVEMBER 25, 1922.

[1] Includes $3,613.26 transferred to the civil-service retirement and disability fund.

SCHEDULE E.

ITEMIZED LIST OF EMPLOYEES, THEIR DUTIES, AND SALARIES.

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922.

Name.	Duties.	Salary.
Adams, M. J	Senior highway engineer	$3,600.00
Adams, W. S	Clerk	1,920.00
Aikin, H. B	Assistant on road status survey	p. m. 150.00
Ainsworth, T. L	Engineering draftsman	2,100.00
Albee, E. E	Highway engineer	2,100.00
Allen, Lucinda B	Clerk	1,400.00
Allen, T. Warren	Chief, division of control	5,000.00
Allison, J. F	Clerk	1,500.00
Anderson, Christian	Senior highway engineer	3,000.00
Anderson, A. P	Highway engineer	3,000.00
Anderson, E. F	Clerk	1,500.00
Anderson, J. A	Junior highway bridge engineer	p. m 125.00
Anderson, J. E	Transitman	1,800.00
Anderson, W. J	Senior highway engineer	3,000.00
Andrews, F. E	....do	3,300.00
Andrews, Inez	Stenographer and typist	1,200.00
Angwin, H. R	Senior highway bridge engineer	3,300.00
Arnold, H. G	Assistant chief accountant	2,400.00
Asmus, L. D	Transitman	1,800.00
Ausfeld, M. A	Clerk (head clerk)	1,740.00
Austin, Iva M	Clerk (stenographer and typist)	1,380.00
Austin, Wm. M	Superintendent of road construction	3,000.00
Avery, E. E	Chief party	2,400.00
Avery, Grace	Stenographer and typist	1,320.00
Ayres, J. H	Highway engineer	3,000.00
Balcomb, K. C	....do	2,500.00
Ball, George D	Chief of party	2,400.00
Ball, John W	Senior highway engineer	3,300.00
Bayly, L. G	....do	3,300.00
Bean, Perry A	Chief of party	2,100.00
Beard, Edward W	Clerk (stenographer and typist)	1,400.00
Beattie, Geo. T	Highway engineer	2,500.00
Becker, Freda S	Clerk	1,200.00
Beezley, B. F	Highway engineer	2,400.00
Bennett, R. M	Senior highway engineer	3,000.00
Berry, Fred S	Highway engineer	3,000.00
Bespalow, Eugene F	Junior civil engineer	1,680.00
Bidgood, Carlos F	Highway engineer	2,500.00
Bilyeu, Herbert A	Stenographer and typist	1,500.00
Bingham, Enoch T	Skilled laborer	1,200.00
Bishop, Hubert K	Chief, division of construction	5,000.00
Bley, Chas. N	Highway bridge engineer	2,500.00
Boaz, Jas. R	Field clerk	p. m. 125.00
Bonnickson, F. R	Junior civil engineer	2,100.00
Boren, C. M	Chief of party	2,100.00
Botsford, E. N	Mechanical assistant	p. m. 200.00
Bowen, Walter L	Superintendent of road construction	3,000.00
Bower, Noble	Chief of party	1,800.00
Bowlby, Henry L	Chief, War Materials Division	4,500.00
Bowman, M. C	Transitman	1,800.00
Boykin, Lester E	Assistant in road management	4,000.00
Boyle, L. J	Field clerk	p. m. 125.00
Bradley, W. L	Chief of party	2,100.00
Brandt, Bertha W	Messenger	900.00
Brannan, Julius	Highway draftsman	1,800.00
Brumfield, L. M	Highway assistant	p. m. 200.00
Breck, Flora E	Typist	1,200.00
Bremner, R. L	Transitman	p. m. 150.00
Brewster, Wm	Senior highway engineer	3,600.00
Bright, Jos. S., jr	Construction engineer	5,000.00
Brock, Wm. F	Highway engineer	2,400.00
Brooks, Ethel M	Stenographer and typist	840.00
Brooks, Josephine C	Clerk-typist	1,200.00

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Brooks, Walter F	Senior highway engineer	$3,600.00
Brown, A. B	Highway engineer	2,500.00
Brown, Blanch R	Clerk (head clerk)	1,600.00
Brown, Chas. L	Senior highway engineer	3,300.00
Brown, Elbert C	do	3,600.00
Brown, Elmer L	Highway engineer	2,500.00
Brown, Levant R	Senior highway engineer	3,300.00
Brown, Marie L	Charwoman	240.00
Brown, Rodney D	Highway engineer	2,500.00
Brown, Wm. M	Field testing aid	p. m. 50.00
Bruce, Arthur G	Senior highway engineer	4,000.00
Bruning, Cyril S	Transit man	1,800.00
Burch, Philip H	Mechanical draftsman	1,800.00
Burke, H. Edmund	Senior highway engineer	3,600.00
Butler, Ellen DeV	Highway draftsman	1,320.00
Butz, D. C	Transit man	p. m. 150.00
Campbell, K. B	Highway draftsman	1,680.00
Campbell, Leland R	Clerk-typist	1,400.00
Campen, George L	Senior highway engineer	3,600.00
Caperton, Samuel J	Transit man	1,800.00
Capes, Chas. F	Superintendent of road construction	2,400.00
Carlen, Frank R	Highway draftsman	1,620.00
Carlon, Frieda McN	Clerk	1,320.00
Carnie, Harry J	do	1,380.00
Carnrike, Wm. H	Highway engineer	2,500.00
Carpenter, J. C	Senior highway engineer	3,600.00
Carr, Chas. C	Auditor	1,980.00
Carriger, Paul	Transit man	p. m. 150.00
Carroll, Ethel	Typist	1,000.00
Carruth, Maude M	do	1,200.00
Carter, Mary A	Charwoman	240.00
Cartwright, C. M	Automotive mechanic	1,800.00
Casey, Mary E	Typewriter	900.00
Cates, Vendeta	Clerk (typist)	1,500.00
Caufield, L. J	Senior highway engineer	3,000.00
Chadick, M. R	Clerk	1,680.00
Chamberlin, J. R	Senior highway bridge engineer	3,600.00
Chapman, Maude E	Clerk-typist	1,200.00
Charles, L. J	Senior highway engineer	3,300.00
Cheatham, C. W	Assistant district engineer	3,000.00
Cheney, O. E	Clerk (typewriter)	1,600.00
Church, W. T	Messenger boy	480.00
Clark, A. C	Chief of party	2,100.00
Clark, G. G	Engineering economist	3,300.00
Clark, L. F	Senior highway engineer	2,500.00
Clark, P. J	Superintendent of road construction	p. m. 225.00
Clark, Sadie S	Stenographer-typist	p. d. 4.00
Clay, J. S	Senior highway bridge engineer	3,000.00
Cleage, Louis	Unskilled laborer	p. m. 60.00
Coendlion, Earl	do	p. h. .50
Colpoys, Helen B	Typist	1,100.00
Commerford, Leon	Mechanical assistant	p. m. 225.00
Conway, Josephine M	Clerk (stenographer and typist)	1,100.00
Cook, Samuel	Chief of party	2,100.00
Copeland, L. F	Senior highway bridge engineer	3,000.00
Cordell, E. C	Clerk	1,680.00
Corlew, R. S	Senior highway engineer	3,000.00
Cortez, Mildred	Clerk	1,380.00
Cotter, F. H	Highway engineer	2,500.00
Cramer, M. J	Senior highway engineer	3,600.00
Crenshaw, S. S	Highway engineer	2,500.00
Critchlow, V. D	Field clerk	p. m. 125.00
Crittenden, Ann	Typist	600.00
Cross, C. W	Highway engineer	3,000.00
Crossland, W. A	Senior highway engineer	3,600.00
Crowley, Esther N	Typist	1,200.00
Cruickshanks, Jean	Clerk-typist	1,200.00
Cullen, R. W	Topographic draftsman	1,800.00
Curry, Mary H	Typewriter	900.00
Curtiss, C. D	Assistant to the Chief of Bureau	4,500.00
Curtiss, Maude L	Clerk	1,320.00
Curwen, W. H	Highway engineer	2,400.00
Darling, R. W	Highway draftsman	1,620.00
Dauthill, Sid	Assistant on road status survey	p. m. 150.00
Davies, Leslie C	Junior assistant on road status survey	p. m. 125.00
Davis, E. I	Assistant on road status survey	p. d. 6.00
Davis, Fred	Highway engineer	3,000.00
Davis, Kathryn M	Clerk	1,200.00
Davis, T. M	Highway engineer	2,500.00
Degidio, Z. J	Clerk	1,380.00

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Deutermann, Margaret	Clerk, class 1	$1,200.00
Devereaux, R. L.	Senior highway engineer	3,000.00
Devitt, Margaret G.	Stenographer and typist	1,320.00
Dickinson, R. H.	Clerk	1,320.00
Diehl, John H.	Chief of party	2,100.00
Dixon, C. F.	Transitman	1,920.00
Dodge, Wm. H.	Clerk (qualified in business administration)	1,400.00
Donahoe, Elizabeth	Clerk	1,200.00
Donahue, Elizabeth A.	Typist	1,100.00
Donahue, Nora	Clerk (stenographer and typist)	1,380.00
Doolan, Bessie C.	Telephone operator	900.00
Downing, R. L.	Chief of party	2,100.00
Duffy, Marie G.	Clerk	1,600.00
Duke, W. A.	Mechanical assistant	p. m. 175.00
Dunn, A. C.	Highway engineer	2,500.00
Eastham, R. F.	Senior highway engineer	3,600.00
Eddy, W. T.	Chief of party	2,100.00
Edwards, E. G.	Highway engineer	3,000.00
Elliott, J. A.	Senior highway engineer	3,600.00
Ellis, Ona G.	Clerk	1,200.00
Emery, A. V.	Chief of party	2,100.00
Engel, J. S.	Junior civil engineer	1,500.00
Englemann, Otto	Property assistant	3,000.00
English, J. F.	Highway engineer	2,500.00
Englund, C. G.	Junior civil engineer	1,680.00
Epperson, E. R.	Highway engineer	2,400.00
Evans, D. G.	do	2,400.00
Evans, Orrena L.	Research librarian	2,100.00
Everett, P. H.	Senior highway engineer	3,600.00
Everts, R. B.	do	3,000.00
Fairbank, H. S.	do	4,000.00
Fallon, H. D.	do	3,300.00
Farmer, H. D.	Highway engineer	2,500.00
Ferguson, G. E.	do	3,000.00
Finch, B. J.	District engineer	4,500.00
Fitchett, C. J.	Transitman	1,800.00
Fitzgerald, Ellen	Clerk (typist)	1,100.00
Flint, F. H.	Senior highway engineer	3,300.00
Fowler, Mrs. Lanye D.	Stenographer and typewriter	1,000.00
Francis, Grace	Clerk	1,680.00
Frazer, Hugh L.	Chief of party	p. m. 175.00
French, Gardner M.	Assistant highway economist	1,500.00
Frickstad, W. N.	Senior highway engineer	4,000.00
Fugate, Hagen	Head clerk	2,100.00
Fuller, Carrie L.	Administrative assistant	2,400.00
Fuller, Geo.	Senior highway engineer	3,600.00
Galbreath, Mack	do	3,300.00
Gates, Meda K.	Statistical clerk	1,200.00
Gay, Eva L.	Clerk	1,400.00
Geggus, W. L.	Bookkeeper	1,600.00
Geisler, C. D.	Highway bridge engineer	3,000.00
Gemeny, A. L.	do	3,000.00
George, G. J.	Automotive mechanic	2,100.00
Gibson, J. L.	Clerk	1,600.00
Gilgen, E.	Chief of party	2,100.00
Gleason, E. F.	Junior civil engineer	1,500.00
Glominski, J. A.	Highway engineer	2,500.00
Goehl, G. J.	do	2,400.00
Goodell, J. M.	Consulting engineer	[1] p. d. 8.33
Goodwin, Frances E.	Clerk (stenographer and typist)	1,320.00
Gordon, A. F.	Senior highway bridge engineer	3,600.00
Gowan, F. P.	Highway engineer	2,400.00
Graff, H. E.	Executive clerk	2,100.00
Graves, R. S.	Transitman	1,800.00
Green, E. R.	Chief of party	p. m. 175.00
Green, Louis	Unskilled laborer	900.00
Green, T. C.	Clerk (typewriter)	1,380.00
Greenlee, Dorothea W.	Copyist draftsman	1,200.00
Greenlun, W. R.	Highway engineer	2,500.00
Grover, O. L.	Bridge engineer	4,200.00
Haelig, A. F.	Junior civil engineer	1,680.00
Hafford, T. A.	Highway draftsman	1,620.00
Hagar, Gordon	Blacksmith	1,500.00
Hall, I. W.	Highway draftsman	1,800.00
Hamilton	Highway engineer	2,400.00
Hanford, J. G.	Draftsman	1,740.00
		1,800.00
Hardisty, W. R.	Junior civil engineer	1,680.00
Hargon, Samuel D.	Mechanical assistant	p. d. 8.00
Harris, R. E.	Clerk	1,500.00

[1] When actually employed.

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1 1922—Continued.

Name.	Duties.	Salary.
Harrison, C. T.	Superintendent of road construction	$2,400.00
Harrison, J. L.	Senior highway engineer	3,300.00
Harrison, R. H.	....do	3,000.00
Hart, Maria	Charwoman	240.00
Hart, W. F.	Highway engineer	2,100.00
Hathaway, E. O	District engineer	4,800.00
Hauser, B. B	Highway engineer	2,500.00
Hawkinson, A. A	....do	2,400.00
Hawley, J. B	....do	2,500.00
Haynes, C. S.	Architect, draftsman, and designer	2,100.00
Hayward, C. L.	Highway engineer	2,500.00
Headley, H. C.	Highway draftsman	1,800.00
Heidbrink, Ella	Clerk (stenographer and typist)	1,500.00
Heidel, B. F.	Senior highway engineer	3,000.00
Held, Carlene W	Clerk (stenographer and typist)	1,400.00
Hellesoe, G. F.	Chief of party	2,100.00
Hemstreet, H. J.	Highway engineer	2,500.00
Hendley, H. W.	Model maker	2,100.00
Henry, D. E.	Senior highway engineer	3,000.00
Herrington, Ruth D.	Stenographer and typist	1,320.00
Hewes, L. I.	Deputy chief engineer	5,000.00
Heyman, W. F.	Highway draftsman	1,500.00
Hill, F. C.	Transitman	1,620.00
Hillers, J. K., jr.	Photographer	2,100.00
Hinternesch, G. M.	Clerk (typist)	1,320.00
Hitch, E. H.	....do	1,800.00
Hollowell, P. N.	Garage superintendent mechanic	p. m. 175.00
Hooper, A. L.	Highway engineer	2,500.00
Horsley, Catherine C.	Clerk (stenographer and typist)	1,560.00
Horsley, W. J.	Chief of party	2,100.00
Horstman, O. E.	Clerk (typewriter)	1,440.00
Hoskyn, W. J.	Superintendent of road construction	p. m. 250.00
Houchen, C. A.	Clerk	1,400.00
Houk, H. H.	Highway bridge engineer	2,500.00
Huffines, T. G.	Automotive mechanic	1,740.00
Huggins, L. M.	Highway bridge engineer	2,400.00
Hughes, Nana A.	Clerk	1,000.00
Hulce, E. M.	Highway engineer	2,500.00
Huonder, J. T. B.	Messenger boy	720.00
Jacobson, Elmer.	....do	600.00
Jacobson, Louis J.	Laboratory assistant	p. m. 100.00
James, E. W.	Chief, Division of Design	5,000.00
Jeffrey, W. M.	Highway engineer	2,500.00
Jeffries, E. I.	Skilled laborer	720.00
Jensen, J. E.	Transitman	1,800.00
Johns, W. R.	Highway engineer	2,500.00
Johnson, C. V.	....do	2,500.00
Johnson, C. G.	Typewriter	1,400.00
Johnson, F. M.	Senior highway engineer	3,600.00
Johnson, Junius W.	District engineer	4,500.00
Johnston, Augusta F.	Administrative assistant	2,500.00
Jones, R. C.	Chief of party	2,100.00
Jones, T. A.	Transitman	1,500.00
Jones, W. G.	Messenger boy	600.00
Jordan, J. L.	Motor mechanic	2,100.00
Keene, T. M.	Senior highway engineer	4,000.00
Keith, Geo. W.	Chief of party	2,100.00
Keller, W. J.	Transitman	1,800.00
Keller, W. S.	Collaborator	[1] p. d. 2.00
Kelley, E. F.	Senior highway bridge engineer	4,000.00
Kelly, Florence C.	Typist	p. m. 90.00
Kennedy, R. J.	Mechanical assistant	p. m. 175.00
Kercher, O. B.	Highway engineer	2,500.00
Kerz, Helen E.	Head clerk	1,740.00
Kesting, T. E.	Junior civil engineer	1,680.00
Kidder, E. E.	Senior highway engineer	3,300.00
Kiddoo, L. C.	Clerk (typewriter)	1,500.00
Kimbrough, Mattie L.	Stenographer and typist	1,320.00
Kines, Welby	Messenger boy	600.00
King, W. F.	Highway engineer	2,400.00
Kitt, B. F.	....do	2,500.00
Kittredge, F. A.	Senior highway engineer	3,600.00
Klatt, Hazel E. K.	Clerk-typist	p. m. 100.00
Knapp, Ferne L.	Clerk (stenographer and typist)	1,320.00
Knight, F. A.	Highway engineer	2,500.00
Knox, Agnes W.	Stenographer-typist	1,320.00
Kossa, F. R.	Mechanical assistant	p. d. 8.00
Kuphal, H. H.	Highway draftsman	1,800.00
Lafferty, W. L.	Transit man	1,800.00

[1] When actually employed.

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Lamb, D. W.	Transit man	$1,800.00
Lambrecht, Irma L.	Clerk	1,500.00
Lane, S. B.	Chief of party	2,100.00
Lant, N. E.	Highway bridge engineer	2,500.00
Lapraik, J. A.	Chief of party	2,100.00
Laughner, O. A.	Clerk (stenographer and typist)	1,800.00
Lawson, C. G.	Typewriter	1,440.00
Learned, C. C.	Senior highway engineer	3,300.00
Leland, H. R.	Highway engineer	2,500.00
Leslie, G. F.	Chief of party	2,400.00
Lessman, F. B.	Junior civil engineer	2,100.00
Levison, A. A.	Highway engineer	3,000.00
Lewin, J. C.	do	2,400.00
Lightbourn, Lucile E.	Stenographer and typist	1,320.00
Linford, P.	Highway engineer	2,100.00
Linton, W. P.	Senior highway bridge engineer	3,600.00
Lissner, J.	Transit man	1,800.00
Livingston, R. C.	Highway engineer	2,500.00
Lockhart, O. C.	Chief of party	2,100.00
Loder, A. E.	District engineer	4,800.00
Logan, J. W.	Bookkeeper (stenographer and typist)	1,500.00
Losh, A. R.	District engineer	4,500.00
Lotter, H. H.	Senior highway engineer	3,600.00
Lough, Thos. J.	Highway engineer	2,500.00
Lowry, Marion D.	Typewriter	1,200.00
Lubeck, E.	Highway draftsman	1,740.00
Luedke, A. L.	Engineer economist	3,000.00
Lynch, W. H.	Senior highway engineer	3,600.00
McClure, G. G.	Assistant on road status survey	p. m. 150.00
McConkie, Mary L.	Clerk (stenographer and typist)	1,320.00
McCord, J. B.	Special agent	p. m. 375.00
McCormick, E. B.	Mechanical engineer	4,200.00
McCoy, N. F.	Transit man	2,100.00
McCracken, E. J.	Chief of party	2,100.00
McDonald, W. S.	Assistant on road status survey	p. m. 150.00
McDonough, E. F.	Automotive mechanic	1,860.00
McGinley, C. T.	Highway engineer	2,500.00
McGraw, Marguerite M.	Stenographer-typist	1,200.00
McKelvey, H. G.	Senior highway engineer	3,000.00
McKenney, H. J.	Highway engineer	2,500.00
McKesson, C. L.	Senior highway engineer	3,600.00
McLane, G. L.	Highway engineer	2,500.00
McMinn, R. B.	Junior highway bridge engineer	2,100.00
McMurtry, Guy	Chief of party	p. m. 175.00
McNamara, J. L.	Clerk	1,500.00
McNary, J. V.	Senior highway bridge engineer	4,000.00
MacBeath, D. L.	Superintendent of road construction	2,500.00
MacDonald, Hazel B.	Index and catalogue clerk	1,500.00
Mack, R. A.	Transit man	1,800.00
Mackey, M. L.	Senior highway engineer	3,600.00
MacLachlan, K. A.	Assistant highway economist	1,500.00
MacNab, G. T.	Senior highway engineer	3,300.00
Macrum, J. W.	Highway draftsman	1,620.00
Major, Thad L.	Assistant on road survey	p. m. 150.00
Mann, Martha	Charwoman	240.00
Marcey, Gordon	Automobile mechanic	1,500.00
Marcey, W. A.	Copyist draftsman	1,000.00
Marshall, J. M.	Highway engineer	2,400.00
Marshall, J. T.	Senior highway engineer	3,000.00
Martin, Alice	Typist	1,200.00
Martin, Doris K.	Clerk (typewriter)	1,320.00
Martin, H. P.	Highway engineer	3,000.00
Martin, L. F.	Highway bridge engineer	2,500.00
Masters, W. M.	Mechanical assistant	p. m. 200.00
Mathias, J. L.	Highway engineer	2,500.00
Matteson, B. W.	Senior highway engineer	3,300.00
Mayer, Augusta	Clerk	1,320.00
Mayo, G. W.	Senior highway bridge engineer	3,600.00
Melton, Lou Alta	Highway draftsman	1,620.00
Merrick, R. E.	Highway engineer	3,000.00
Messigman, L.	do	2,400.00
Metzger, F. S.	Clerk	1,500.00
Miller, E. R.	Auditor	2,400.00
Miller, Florence A.	Clerk (stenographer and typist)	p. m. 100.00
Miller, G. H.	District engineer	4,800.00
Miller, W. H.	Messenger boy	480.00
Mills, F. W., jr.	Senior highway engineer	3,300.00
Milwain, Margaret J.	Clerk	1,200.00
Mincher, J. E.	Senior highway engineer	3,300.00
Mini, T. R.	Highway engineer	2,400.00
Mitchell, R. R.	do	2,400.00

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Moodey, Ruth R	Typist	$1,000.00
Moore, J. W	Senior highway engineer	3,300.00
Moore, Donald	Junior assistant on road status survey	p. m. 125.00
Moore, Margaret M	Clerk	1,600.00
Moore, Vivian O	Stenographer and typewriter	p. m. 50.00
Moore, W	Chief accountant	3,000.00
Moran, M. Eileen	Clerk (stenographer and typewriter)	1,400.00
Morris, A. F	Highway engineer	2,500.00
Morris, C. C	Senior highway engineer	3,600.00
Morrison, H. J	do	3,600.00
Moskowitz, Jack	do	3,000.00
Murphy, DeLos	Chief of party	2,100.00
Murphy, Montreville	Auditor	2,000.00
Murray, Elizabeth T	Stenographer and typewriter	1,200.00
Murray, M. A	Highway engineer	2,500.00
Myers, J. M	do	2,100.00
Naylor, Edith	Clerk	1,000.00
Neal, Ovid	Assistant on road status survey	p. m. 150.00
Neumann, S. G	Clerk	1,600.00
Newton, Marie G	Stenographer and typewriter	1,200.00
Nichols, T. F	Highway engineer	2,500.00
Nickols, F. A	do	3,000.00
Nitteberg, C. T	Highway bridge engineer	2,500.00
Nordstrom, C. T	Highway engineer	2,500.00
Nute, L. E	Clerk	1,800.00
Obenshain, S. A	Highway engineer	2,400.00
Obermuller, J. H	do	2,500.00
O'Brien, Anna E	Typewriter	1,440.00
Odendahl, I. E	Highway engineer	2,500.00
Odsted, Florence C	Clerk	1,500.00
Ogier, J. W	Senior highway engineer	3,300.00
O'Leary, W. J	Assistant in road management	3,300.00
O'Reardon, D. G	Transitman	1,800.00
Ostrander, A. I	Senior highway engineer	3,600.00
Ostrander, Minnie M	Clerk	1,600.00
Owens, Evelyn	Clerk-typist	1,100.00
Page, J. M	Highway engineer	2,500.00
Painter, D. D	Junior civil engineer	1,680.00
Palen, A. E	Senior highway engineer	3,600.00
Palm, Agnes E	Clerk (typewriter)	1,320.00
Patterson, J. T	Senior highway engineer	3,000.00
Pearce, Fred W	Production clerk	1,740.00
Pearson, R	Highway bridge engineer	3,000.00
Peirce, V. M	District engineer	4,800.00
Perkins, C. E	Highway engineer	2,500.00
Perkins, W. T	Junior civil engineer	1,740.00
Peters, Jos	Automotive mechanic	2,220.00
Peters, W. G	Highway engineer	2,400.00
Peterson, T. C	do	2,500.00
Phillips, Clyde	Clerk	1,680.00
Phillips, Jessie L	do	1,200.00
Pierce, C. W	Highway bridge engineer	2,400.00
Pierce, Helen F	Clerk (typist)	1,320.00
Pierce, William	Clerk (knowledge of accounting)	1,800.00
Polk, C. G	Chief of party	2,100.00
Pollard, Nell	Stenographer-typewriter	1,000.00
Porter, Frank G	Clerk	1,920.00
Potter, M. H	Transitman	1,800.00
Potterton, Geo. D	Messenger boy	600.00
Price, Ben A	Chief of party	2,100.00
Purcell, C. H	District engineer	4,800.00
Purington, H. P	Transitman	2,100.00
Quinn, J. J	File clerk	1,200.00
Radford, E. G	Clerk	1,800.00
Ragan, E. Pearl	Typist	1,200.00
Randle, Jeanne A	do	1,200.00
Rapelje, A. C	Senior highway engineer	3,600.00
Raynor, C. E	do	3,600.00
Reed, R. B	Transitman	1,800.00
Reher, J. B	Highway engineer	2,400.00
Reyes, Jennie L	Stenographer and typewriter	1,200.00
Reynolds, Lela M	Clerk-typist	1,200.00
Rhine, E. B	Highway engineer	2,500.00
Riboni, Louis J	Messenger boy	720.00
Richardson, Lena M	Typewriter	1,100.00
Richardson, W. M	Chauffeur	960.00
Rickerson, Laura B	Stenographer and typewriter	1,200.00
Riden, Ethel	Clerk	1,320.00
Rider, D. W	Assistant on road status survey	p. m. 150.00
Robb, Justian W	Stenographer	1,320.00
Robinson, Cammie S	do	1,000.00

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Robinson, E. H.	Highway engineer	$2,500.00
Rockett, Louis C.	do	2,500.00
Rogers, Ralph	Highway draftsman	1,500.00
Roork, Helen M.	Head clerk	1,800.00
Rose, A. C.	Highway engineer	3,000.00
Rose, J. G.	do	2,400.00
Rothmeyer, R. A.	Mechanical assistant	p. d. 8.00
Royall, R. E.	Highway engineer	2,400.00
Ruggles, E. F.	Senior highway engineer	3,300.00
Rusche, Wm.	Mechanical assistant	p. m. 150.00
Ryder, J. A.	Highway engineer	2,400.00
Sadler, Vina L.	Clerk	1,400.00
Schuyler, J. T.	Senior highway engineer	3,000.00
Schwartz, Leo H.	Highway engineer	2,500.00
Scofield, Jos. S.	Chief of party	1,800.00
Scofield, W. J.	Senior highway engineer	3,000.00
Scribner, L. R.	Auditor	2,100.00
Seifert, Andrew	Highway engineer	2,500.00
Seifert, Maud M.	Head clerk	1,800.00
Sejen, Herman	Blue printer	1,500.00
Semper, Chas. H.	Superintendent of road construction	2,500.00
Severson, Ruth T.	Stenographer-typewriter	1,320.00
Sexton, Frank P.	Highway engineer	2,500.00
Shafto, Marguerite A.	Clerk	1,600.00
Shanklin, Arthur P.	Messenger boy	600.00
Sharts, Stanley R.	Senior highway engineer	3,300.00
Shaver, A. L., jr.	Auditor	2,100.00
Shaw, J. D.	Highway engineer	2,500.00
Shepard, D. K.	do	2,500.00
Shoemaker, C.	Senior highway engineer	4,000.00
Shoemaker, Roy H.	do	3,000.00
Short, C.	Chief of party	2,100.00
Shufelt, Margaret S.	Clerk (stenographer and typewriter)	1,600.00
Shuman, E. P.	Senior highway engineer	3,600.00
Sillman, Helen L.	Clerk	1,200.00
Simmins, H. C.	Highway engineer	2,400.00
Sinclair, E. B.	Mechanical assistant	p. m. 185.00
Skans, J. A.	Transitman	1,800.00
Slayton, Mary R.	Clerk-typist	1,200.00
Slocumb, E. C.	Senior highway engineer	3,000.00
Slye, J. D.	Chief of party	2,100.00
Smiley, W. V.	Senior highway engineer	3,000.00
Smilie, R. P.	Chief of party	2,100.00
Smith, Clara Belle	Stenographer	1,200.00
Smith, F. W.	Highway engineer	2,400.00
Smith, H. M.	do	2,500.00
Smith, Helen	Stenographer	p. m. 80.00
Smith, L. E.	Superintendent of road construction	3,000.00
Smith, Mabel C.	Stenographer and typewriter	1,200.00
Smith, R. B.	Junior civil engineer	1,680.00
Snead, Chas. D.	Senior highway bridge engineer	3,600.00
Snyder, Wm. H.	Senior highway engineer	3,300.00
Solomon, Gertrude	Copyist topographic draftsman	1,440.00
Sourwine, J. A.	Senior highway engineer	4,500.00
Speed, Edwin C.	Assistant on road status survey	p. m. 150.00
Stanley, C. M.	Auditor	2,100.00
Stein, E. T.	Assistant highway economist	1,500.00
Stepp, M. L.	Clerk	2,000.00
Stevens, Wm. R.	Transitman	p. m. 125.00
Stevenson, Eberle U.	Highway engineer	2,500.00
Stillman, C. H.	Senior highway engineer	3,300.00
Stoddard, Ida F.	Typist	1,320.00
Stone, J. H.	Senior highway engineer	3,000.00
Stonik, Mary L.	Typist (knowledge of stenography)	1,100.00
Swain, Clayton E.	Highway engineer	2,500.00
Sweeney, J. T.	Clerk	1,680.00
Sweetser, C. H.	District engineer	4,500.00
Talbot, Grace E.	Bookkeeper	1,680.00
Tarrant, Fred J.	Mechanical assistant	p. m. 175.00
Tarry, E.	Superintendent of road construction	3,000.00
Taylor, B. F., jr.	Senior highway engineer	3,600.00
Taylor, H. J.	do	3,000.00
Taylor, Samuel L.	do	3,300.00
Terrill, G. C.	Assistant on road status survey	p. m. 150.00
Thain, Alexander	Transitman	p. m. 125.00
Thayer, Florence M.	Clerk-typist	1,200.00
Thirion, R.	Transitman	1,800.00
Thomas, Edna A.	Clerk	1,600.00
Thomas, H. Q.	Highway engineer	2,500.00
Thomas, R. I.	Transitman	1,800.00
Thomas, St. C. T.	Highway engineer	2,500.00

Bureau of Public Roads, employees paid from Federal aid and forest road funds, July 1, 1922—Continued.

Name.	Duties.	Salary.
Thorne, Martha K	Clerk	$1,500.00
Thornton, D. R	Senior highway engineer	3,600.00
Thorp, Virgia	Typewriter	900.00
Tillotson, P. S	Clerk	1,500.00
Tolen, H. S	Highway engineer	2,500.00
Tompkins, Kate V	Typist	1,200.00
Tompkins, Mattie W	Head clerk	1,800.00
Toms, Raymond E	Senior highway engineer	4,000.00
Topping, H. R	Highway engineer	2,500.00
Towles, V. E	Senior highway engineer	3,300.00
Tribou, R. E	Junior civil engineer	1,680.00
Trimble, R. M	do	1,680.00
Tripp, H. F	Highway draftsman	1,800.00
Turner, R. P	Junior assistant on road status survey	p. m. 125.00
Turoff, L. W	Junior civil engineer	1,800.00
Vaile, Louis F	Assistant engineer on road construction	p. m. 200.00
Vandersall, Ora E	Clerk	1,200.00
Vaughan, Mary E	Head clerk	1,800.00
Venable, Reid	Clerk (stenographer and typewriter)	p. m. 60.00
Vincent, G. S	Junior highway bridge engineer	2,400.00
Voshell, J. T	District engineer	4,800.00
Waddell, G. H	Highway draftsman	1,920.00
Wadsworth, H	Collaborator	p. y. 1.00
Wahl, Mary M	Stenographer and typewriter	1,500.00
Wakefield, E. J	Highway engineer	2,500.00
Walker, Helen W	Clerk (stenographer and typewriter)	900.00
Walker, Viola	Clerk-typist	1,320.00
Wall, Elizabeth A	do	1,100.00
Wallace, Henry	Transitman	p. m. 125.00
Wallace, Stephen A	Chief of party	2,100.00
Wallace, W. R. F	do	2,400.00
Walsh, Joseph A	Highway engineer	2,500.00
Warren, G. R	Auditor	2,220.00
Watson, C. S	Mechanical assistant	p. m. 150.00
Weekley, Lillian C	Stenographer and typewriter	1,680.00
Wells, Herbert C	Senior highway engineer	3,300.00
Welton, C. A	do	3,600.00
West, J. A	Chief of party	2,100.00
Wetther, A. F	Clerk	2,000.00
Whedon, A. B	Junior civil engineer	1,740.00
Wheeler, E. S	District engineer	4,500.00
Whelan, W. M	Clerk	1,400.00
Whitaker, C. R	Highway engineer	2,500.00
White, G. C	Senior highway engineer	3,600.00
Whiteman, F. W	Mechanical assistant	p. m. 225.00
Whitmore, H. E	Automotive mechanic	1,800.00
Whittaker, J. A	Senior highway engineer	3,600.00
Whittle, G. D	Senior highway bridge engineer	3,300.00
Whyte, C. R	Highway bridge engineer	3,000.00
Wilbur, M. W	Senior highway engineer	3,600.00
Wildman, M. F	Transitman	1,800.00
Williams, M. D	Senior highway engineer	3,300.00
Williams, M. R	Typist	1,200.00
Williams, R. G	Highway engineer	3,000.00
Williamson, A. V	Senior highway engineer	3,300.00
Williamson, G. R	Automotive machinist	1,600.00
Wilson, Mahala M	Clerk-typist	1,200.00
Wilson, P. St. J	Chief engineer	5,500.00
Wilson, W. J	Painter	1,500.00
Witt, Mrs. Mabel	Clerk (stenographer and typewriter)	1,380.00
Wolf, G. P	Accountant	2,100.00
Womack, Preston	Clerk	1,800.00
Wonders, J. S	District engineer	4,800.00
Wright, H. B	Highway engineer	2,500.00
Wright, R. B	Senior highway bridge engineer	3,000.00
Wulff, E. J	Senior highway engineer	3,300.00
Young, J. H	Highway engineer	2,500.00
Zech, Mae E	Clerk-typist	1,200.00
Zinn, Roma	do	1,200.00

SCHEDULE F.

DATA ON SURPLUS WAR EQUIPMENT DISTRIBUTION.

Materials delivered to this department for road-building purposes ending fiscal year June 30, 1922 (major items only).

Adzes	2,760
Anvils	1,790
Augers	8,420
Awls	12,290
Axes	127,422
Bars	14,274
Belting (leather, canvas, rubber)....feet	112,132
Bits	110,207
Blades, saw and scythe	7,426
Blocks	39,312
Bodies, truck	576
Boilers, miscellaneous	3,923
Bolts	1,864,229
Braces	9,642
Brooms, stable	5,470
Buckets	11,327
Cans	31,872
Canvas, duck....yards	5,672,926
Cars, railroad	742
Carts, water and dump	879
Chains, skid	37,642
Chain....feet	5,462
Chests, tool	1,874
Chisels	22,196
Compasses	1,712
Cots	21,910
Covers, canvas	11,274
Cranes, miscellaneous	96
Cranes, locomotive	37
Crushers, rock	14
Cutters	18,972
Derricks	118
Drills	12,164
Engines	179
Files	212,672
Forges	6,184
Frames	1,307
Gauges	4,972
Generators	337
Globes, lantern	80,764
Graders, road	9
Grease....pounds	310,964
Grease, cans	1,742
Grinders	7,164
Hammers	42,910
Handles	47,694
Hangars	852
Harness....sets	2,712
Hatchets	14,065
Hoists	172
Hose....feet	109,607
Jacks	2,272
Knives	28,179
Lamps	6,324
Lanterns	49,272
Lathes	1,112
Levels	5,702
Locomotives	121
Lumber....feet	1,864,970
Machines, miscellaneous	1,392
Mattocks	28,740
Picks	102,907
Mixers, concrete	96
Motors	479
Pins	1,198,760
Pipe....feet	598,710
Nails....pounds	4,642,976
Planes	3,480
Pliers	98,762
Plows	144
Poles	5,512
Posts	18,752
Presses	297
Pumps	2,198
Reamers	7,642
Rollers, road	1,127
Rods	1,109
Saws	47,659
Scales	5,144
Scrapers, road	727
Shelters	4,510
Shovels	208,960
Sledges	2,510
Spades	49,760
Squares	14,922
Stocks and dies	1,647
Stoves	28,964
Tables	370
Tanks	998
Taps	2,760
Tents	8,910
Rope....feet	127,760
Rope....pounds	809,207
Screws	3,976,492
Screw drivers	2,764
Shears	576
Rail....pounds	26,972,492
Tongs	49,236
Tools	47,764
Tractors	876
Trailers	3,272
Vises	5,915
Wire	3,672,972
Do	1,144,911
Wrenches	97,562
Wheels	28,142
Wagons, escort and dump	1,107
Wheelbarrows	3,906
Trucks and motor vehicles	5,762
Transits	408

Estimated cost to Government of surplus war materials delivered to State highway departments and retained by Department of Agriculture.

State.	Per cent Federal aid.	Total material delivered.	State.	Per cent Federal aid.	Total material delivered.
Alabama	2.12	$2,352,057	New Jersey	1.29	$2,128,139
Arizona	1.44	2,436,823	New Mexico	1.63	2,148,374
Arkansas	1.72	2,376,257	New York	5.05	7,874,065
California	3.37	4,463,012	North Carolina	2.34	3,777,655
Colorado	1.83	3,189,530	North Dakota	1.59	1,621,603
Connecticut	.66	776,426	Ohio	3.86	5,372,866
Delaware	.50	419,263	Oklahoma	2.40	2,692,467
Florida	1.21	2,126,165	Oregon	1.62	2,058,265
Georgia	2.73	4,244,778	Pennsylvania	4.65	4,528,909
Idaho	1.28	1,563,328	Rhode Island	.50	336,770
Illinois	4.44	6,314,468	South Carolina	1.45	1,964,464
Indiana	2.68	5,067,439	South Dakota	1.65	2,904,169
Iowa	2.88	3,627,527	Tennessee	2.25	3,938,101
Kansas	2.87	3,819,984	Texas	6.05	7,855,378
Kentucky	1.94	2,415,469	Utah	1.16	1,439,278
Louisiana	1.36	2,001,044	Vermont	.50	748,818
Maine	.95	1,129,080	Virginia	1.99	3,270,993
Maryland	.88	1,674,163	Washington	1.51	1,478,738
Massachusetts	1.50	1,286,304	West Virginia	1.10	3,251,135
Michigan	3.08	6,033,424	Wisconsin	2.59	3,735,374
Minnesota	2.90	3,384,433	Wyoming	1.28	1,133,277
Mississippi	1.77	2,994,715			
Missouri	3.35	4,448,381	Total	100.00	139,773,986
Montana	2.12	2,291,787	Retained by Department of Agriculture	.....	10,473,750
Nebraska	2.16	3,210,623			
Nevada	1.30	1,314,817			
New Hampshire	.50	532,853	Grand total	.....	150,147,736

The value of the materials above listed is exclusive of the material delivered to the States from the surplus at Camp Grant, Rockford, Ill.

26866—S. Doc. 286, 67-4——8